RECORD OF EVENTS

School of Historical Studies

September 24
Medieval Seminar ◆ *First Term Introductions* ◆ **Patrick J. Geary**, Professor, School of Historical Studies

September 30
Historical Studies Lunchtime Colloquium ◆ *First Term Introductions* ◆ **Patrick J. Geary**, Professor, School of Historical Studies

October 1
East Asian Studies Workshop ◆ *When Peripheries Were Centers: New Perspectives on the "Northern Zone" in Chinese Archaeology* ◆ **Li Zhang**, Institute for the Study of the Ancient World, New York University

Medieval Seminar ◆ *The Prophesied Rule of a "Circumcised People": A Traveling Tradition from the Seventh-Century Mediterranean* ◆ **Stefan Esders**, Freie Universität Berlin; Member, School of Historical Studies

October 2
Art History Seminar ◆ *Inaugural Session: Brief Presentations of Work* ◆ **Anna Boreczky**, National Széchényi Library, Budapest; Member, School of Historical Studies, **Annie Bourneuf**, School of the Art Institute of Chicago; Member, School of Historical Studies, **Anastasia Drandaki**, Benaki Museum, Athens; Member, School of Historical Studies, **Michele Matteini**, Reed College; Member, School of Historical Studies

October 7
Historical Studies Lunchtime Colloquium ◆ *The Question of China's Size* ◆ **Patricia Ebrey**, University of Washington; Member, School of Historical Studies

October 8
East Asian Studies Workshop ◆ *The Tumu Incident (1449) in a Eurasian Context* ◆ **David Robinson**, Colgate University; Member, School of Historical Studies

Medieval Seminar ◆ *Imaging a New Profession in the Twelfth and Thirteenth Centuries: Besançon 457 and the Physician's Task* ◆ **Monica H. Green**, Arizona State University; Member, School of Historical Studies

October 14
Historical Studies Lunchtime Colloquium ◆ *Islamic Thought Beyond Denominational Borders: Challenges and Perspectives* ◆ **Sabine Schmidtke**, Freie Universität Berlin; Member, School of Historical Studies

October 17
Seminar on International Relations ◆ *"Improvised Antiquaries": French Officers and the Challenges (and Opportunities) Offered by Roman Monuments in Colonial Algeria (1830–1870)* ◆ **Bonnie Effros**, University of Florida; Member, School of Historical Studies

October 21
Historical Studies Lunchtime Colloquium ◆ *Fever as a Historical Problem* ◆ **Christopher Hamlin**, University of Notre Dame; Member, School of Historical Studies

October 22
East Asian Studies Workshop ◆ *Russia's Buddhist Agents: The Role of Buryat Lamas in Inner Asian Politics of the Nineteenth and Early Twentieth Centuries* ◆ **Nikolay Vladimirovich Tsyrempilov**, Russian Academy of Sciences, Moscow; Member, School of Historical Studies

October 23
Islamicist Seminar ◆ *Yūsuf al-Baṣīr's First Refutation (Naqḍ) of Abū I-Ḥusayn al-Baṣrī's Theology in a Yemenī Zaydī Manuscript of the Seventh/Thirteenth Century* ◆ **Sabine Schmidtke**, Freie Universität Berlin; Member, School of Historical Studies, **Hassan Farhang Ansari**, Freie Universität Berlin; Member, School of Historical Studies

Art History Seminar ◆ *Art and Identity in Venetian Crete on the Eve of the Council of Ferrara-Florence (1438–39)* ◆ **Anastasia Drandaki**, Benaki Museum, Athens; Member, School of Historical Studies

October 24
Seminar on International Relations ◆ *The Qing State and Its Awareness of Eurasian Interconnections, 1789–1806* ◆ **Matthew W. Mosca**, The College of William & Mary; Member, School of Historical Studies

October 28
Historical Studies Lunchtime Colloquium ◆ *Menahem, Muhammad, and the Paraclete: Late Antique Messianism and the Formation of Early Islamic Kerygma* ◆ **Sean William Anthony**, University of Oregon; Member, School of Historical Studies

November 4
Historical Studies Lunchtime Colloquium ◆ *Chinese Astronomy in the Age of Dragons* ◆ **David William Pankenier**, Lehigh University; Member, School of Historical Studies

November 5
Medieval Seminar ◆ *Digging in the Colonial Archives: French Officers in Algeria and the Evolving Memory of Rome* ◆ **Bonnie Effros**, University of Florida; Member, School of Historical Studies

November 6
Early Modern Workshop ◆ *Relating Duties, Rights, and Virtues: The Structure of Eighteenth-Century British Practical Ethics* ◆ **Colin Heydt**, University of South Florida; Member, School of Historical Studies

November 7
Seminar on International Relations ◆ *Korean Migration between China and Korea: Crisis, Democracy, and Historical Repetition* ◆ **Hyun Ok Park**, York University; Visitor, Program in Interdisciplinary Studies

November 11
Historical Studies Lunchtime Colloquium ◆ *Synchronicity and Connectivity in the Seventh-Century Mediterranean* ◆ **Stefan Esders**, Freie Universität Berlin; Member, School of Historical Studies

November 12
East Asian Studies Workshop ◆ *The Consciousness of the Dead as a Philosophical Problem in Ancient China* ◆ **Paul R. Goldin**, University of Pennsylvania; Member, School of Historical Studies

Medieval Seminar ◆ *The Circulation of Marco Polo's Travels in French* ◆ **Mark Cruse**, Arizona State University; Member, School of Historical Studies

November 13
Eighteenth Century Seminar ◆ *How Imaginary Meetings Change History: Two Case Studies From Eighteenth-Century New Spain* ◆ **Matthew B. Restall**, The Pennsylvania State University; Member, School of Historical Studies

Art History Seminar ◆ *Xuannan Mediasphere* ◆ **Michele Matteini**, Reed College; Member, School of Historical Studies

November 14
Seminar on International Relations ◆ *Buriat Lamas and the Qing-Russian Imperial Interface* ◆ **Nikolay Vladimirovich Tsyrempilov**, Russian Academy of Sciences, Moscow; Member, School of Historical Studies

Islamicist Seminar ◆ *The Passion of Peter of Capitolias (d. 715): A Christian Martyrdom from Early Islamic Palestine* ◆ **Stephen J. Shoemaker**, University of Oregon; Member, School of Historical Studies

November 18
Historical Studies Lunchtime Colloquium ◆ *Ideology of Sacrifice and Soldier Motivation in the Ottoman Great War* ◆ **Yücel Yanikdağ**, University of Richmond; Member, School of Historical Studies

November 19
East Asian Studies Workshop ◆ *Liu Xiang and Liu Xin: Two Critical Voices of the Western Han* ◆ **Michael Loewe**, University of Cambridge

November 20
Islamicist Seminar ◆ *Between Theology and Astronomy: al-Kindi and the Rise of Arabic Philosophy* ◆ **Emma Gannagé**, Georgetown University

Early Modern Workshop ◆ *Jacob Sasportas and the Sephardic Diaspora* ◆ **Jacob Dweck**, Princeton University; Member, School of Historical Studies

November 25
Historical Studies Lunchtime Colloquium ◆ *The Role of Learned Medicine in Creating a Unified European Culture in the Twelfth Century* ◆ **Monica H. Green**, Arizona State University; Member, School of Historical Studies

November 26
Medieval Seminar ◆ *The Illustrated* Apollonius*: Transformations of the Medieval Bestseller* ◆ **Anna Boreczky**, National Széchényi Library, Budapest; Member, School of Historical Studies

December 2
Historical Studies Lunchtime Colloquium ◆ *The Problems of Peacemaking in Late Medieval Florence* ◆ **Katherine L. Jansen**, The Catholic University of America; Member, School of Historical Studies

December 3
East Asian Studies Workshop ◆ *Formal Organization in Medieval Chinese Literature* ◆ **David Prager Branner**, Columbia University; Member, School of Historical Studies

Medieval Seminar ◆ *The Compulsory Baptism of Jews in Visigothic Spain under King Sisebut (615): Near Eastern, North African, and Spanish Backgrounds* ◆ **Stefan Esders**, Freie Universität Berlin; Member, School of Historical Studies

December 5
Seminar on International Relations ◆ *The Moscow Correspondents, Soviet Human Rights Activists, and the Problem of the Western Gift* ◆ **Barbara Walker**, University of Nevada, Reno; Member, School of Historical Studies

December 9
Historical Studies Lunchtime Colloquium ◆ *Intellectuals, Illiterates, and Censorship in Late Renaissance Italy* ◆ **Giorgio Caravale**, Università degli Studi di Roma Tre; Member, School of Historical Studies

December 11
Art History Seminar ◆ *"Apollonius Pictus": Possible Readings of Late Antique Art around 1000* ◆ **Anna Boreczky**, National Széchényi Library, Budapest; Member, School of Historical Studies

December 12
Seminar on International Relations ◆ *"You Better Belize It": Historical Narratives* ◆ **Matthew B. Restall**, The Pennsylvania State University; Member, School of Historical Studies

Medieval Seminar ◆ *Instrumenta Pacis in their Notarial Context* ◆ **Katherine L. Jansen**, The Catholic University of America; Member, School of Historical Studies

December 13
Islamicist Seminar ◆ *Maghazi and Imperial Ideology: Ibn Shihab al-Zuhri's Heraclius Tale* ◆ **Sean William Anthony**, University of Oregon; Member, School of Historical Studies

December 16
Historical Studies Lunchtime Colloquium ◆ *The Relations between Caliph and Sultan in the Seljuq Period: A Case Study of the Reign of the Caliph al-Muqtafī* ◆ **Deborah Tor**, University of Notre Dame; Member, School of Historical Studies

December 17
East Asian Studies Workshop ◆ *A Revisionist History of Yuan Architecture* ◆ **Nancy Steinhardt**, University of Pennsylvania

Medieval Seminar ◆ *The Dis-Orderly Women of the Hirsau Reform* ◆ **Alison Beach**, The Ohio State University; Member, School of Historical Studies

December 18
Early Modern Workshop ◆ *Flavors of Natural Theology, 1690–1830* ◆ **Christopher Hamlin**, University of Notre Dame; Member, School of Historical Studies

January 6
Historical Studies Lunchtime Colloquium ◆ *Second Term Introductions* ◆ **Patrick J. Geary**, Professor, School of Historical Studies

January 7
Medieval Seminar ◆ *Second Term Introductions* ◆ **Patrick J. Geary**, Professor, School of Historical Studies

January 13
Historical Studies Lunchtime Colloquium ◆ *Jacob Sasportas, Sabbetai Zevi, and the Jewish Messiah in 1666* ◆ **Yaacob Dweck**, Princeton University; Member, School of Historical Studies

January 14
East Asian Studies Workshop ◆ *Xiongnu and Huns: Archaeological Perspective on Identity and Migration* ◆ **Ursula Birgit Brosseder**, Rheinische Friedrich–Wilhelms–Universität; Member, School of Historical Studies

Early Modern Workshop ◆ *Church Censorship in Eighteenth-Century Italy* ◆ **Giorgio Caravale**, Università degli Studi Roma Tre; Member, School of Historical Studies

January 15
Art History Seminar ◆ Pigments Purs *and the* Corpo da Côr*: Post-Painterly Practice and Transmodernity* ◆ **Irene Small**, Princeton University

January 27
Historical Studies Lunchtime Colloquium ◆ *Revaluating Africa and World War II* ◆ **Judith Ann-Marie Byfield**, Cornell University; Member, School of Historical Studies

January 28
East Asian Studies Workshop ◆ *Astral Origins of the Weaving Maid and Herdboy, or "Wherefore the Star-Crossed Lovers?"* ◆ **David William Pankenier**, Lehigh University; Member, School of Historical Studies

Medieval Seminar ◆ *Pandemic Disease in the Medieval World: Rethinking the Black Death* ◆ **Monica H. Green**, Arizona State University; Member, School of Historical Studies

January 29
Islamicist Seminar ◆ *Court Neopythagoreans and Philosopher Kings in Early Timurid Iran* ◆ **Matthew S. Melvin-Koushki**, University of South Carolina

February 4
East Asian Studies Workshop ◆ *Tales of an Open World: Chinese Gossip, Dutch Plays, Global News* ◆ **Paize Keulemans**, Princeton University

Ancient Studies Seminar ◆ *Two New Inscriptions from Aphrodisias* ◆ **Angelos Chaniotis**, Professor, School of Historical Studies

Medieval Seminar ◆ *Religious Conflicts and Pictorial Propaganda in Byzantium under Michael VIII Palaiologos (1259–1282)* ◆ **Anastasia Drandaki**, Benaki Museum, Athens; Member, School of Historical Studies

February 6
Seminar on International Relations ◆ *Goncharov's "The Frigate Pallada": Russia and Global Imperialism* ◆ **Edyta Bojanowska**, Rutgers, The State University of New Jersey; Member, School of Historical Studies

February 7

Islamicist Seminar ✦ *Conversion and Deceit: The Publication of the First Insider Account on the Nusayri Faith* ✦ **Samer Traboulsi**, University of North Carolina at Asheville

February 10

Historical Studies Lunchtime Colloquium ✦ *A Roman Mirage? French Officers and Classical Archaeology in the Territory of Algeria, 1830–1870* ✦ **Bonnie Effros**, University of Florida; Member, School of Historical Studies

February 11

East Asian Studies Workshop ✦ *The Chaos and Cosmos of Kurosawa Tōkiko* ✦ **Laura Nenzi**, University of Tennessee; Member, School of Historical Studies

Medieval Seminar ✦ *Medieval History at Heidelberg: An Overview of Research in Progress* ✦ **Christoph Mauntel**, Universität Heidelberg, **Julia Burkhardt**, Universität Heidelberg, **Klaus Oschema**, Universität Heidelberg, and **Stefan Burkhardt**, Universität Heidelberg

February 12

Islamicist Seminar ✦ *Words Mixed with Secrets (wāzagīhā ī rāz-āmēzag): Esoteric Interpretations of Avestan Passages in the* Pahlavi Wizirgerd ī Dēnīg ✦ **Dan Sheffield**, Princeton University

Early Modern Workshop ✦ *The Politics of Romeyn de Hooghe* ✦ **Henk van Nierop**, University of Amsterdam; Member, School of Historical Studies

February 15

East Asian Studies Roundtable Discussion ✦ *Sources for Tang-Song-Liao-Jin-Yuan History: New Materials and Current Trends* ✦ **Tineke d'Haesselaer**, Princeton University; **Brian Vivier**, University of Pennsylvania; **Sukhee Lee**, Rutgers, The State University of New Jersey; **Stephen West**, Arizona State University; Member, School of Historical Studies

February 18

East Asian Studies Workshop ✦ *Discovering Empire in China* ✦ **Mark Elliott**, Harvard University

Ancient Studies Seminar ✦ *The Temple of Asclepios at Epidauros and Its Chryselephantine Statue: Two Building Accounts* ✦ **Sebastian Prignitz**, Inscriptiones Graecae, Berlin–Brandenburgische Akademie der Wissenschaften; Member, School of Historical Studies

Medieval Seminar ✦ *Lambaesis (Lambessa, Tazzoult) before 1852: Variations on a Theme* ✦ **Bonnie Effros**, University of Florida; Member, School of Historical Studies

February 19

Islamicist Seminar ✦ *Muslim Conversion to Christianity in the Early Islamic Period: A View from the Lives of the Martyrs* ✦ **Christian Sahner**, Princeton University

Art History Seminar ✦ *Group Discussion: Transmission of Visual Knowledge in Medieval and Renaissance European Art, Chinese Art, and Modern Art* ✦ **Yve-Alain Bois**, Professor, School of Historical Studies

February 20

Seminar on International Relations ✦ *Funmilayo Ransome-Kuti and the Women's Tax Revolt in Colonial Nigeria* ✦ **Judith Ann-Marie Byfield**, Cornell University; Member, School of Historical Studies

February 24

Historical Studies Lunchtime Colloquium ✦ *Athens* Maniera Graeca *in the West,* Maniera Latina *in the Byzantine East: Piety, Politics, and Painting in the Thirteenth to Fifteenth Centuries* ✦ **Anastasia Drandaki**, Benaki Museum, Athens; Member, School of Historical Studies

February 25

East Asian Studies Workshop ✦ *The Manchu* Zizhi Tongjian Gangmu *and the Eurasian Transmission of Confucian Historiography* ✦ **Matthew W. Mosca**, The College of William & Mary; Member, School of Historical Studies

Medieval Seminar ✦ *The Suffering of the Barbarian: Cultural Moments in the Last Centuries of Empire* ✦ **Michael Kulikowski**, The Pennsylvania State University

Art History Seminar ✦ *The Painters of My Generation* ✦ **Michele Matteini**, Reed College; Member, School of Historical Studies

March 3

Historical Studies Lunchtime Colloquium ✦ *The Chinese Card Catalogue* ✦ **Jing Tsu**, Yale University; Member, School of Historical Studies

March 4

East Asian Studies Workshop ✦ *Catastrophe, Predictability, and Culture in North China in the Thirteenth Century* ✦ **Stephen West**, Arizona State University; Member, School of Historical Studies

Medieval Seminar ✦ *The Trauma of Reform in Petershausen* ✦ **Alison Beach**, The Ohio State University; Member, School of Historical Studies

March 5

Islamicist Seminar ✦ *Persian Writing on Music Theory* ✦ **Mehrdad Fallahzadeh**, Uppsala University; Member, School of Historical Studies

Early Modern Workshop ✦ *A Cultural Field in the Making: On the Foundations of Risorgimento Moderatism, 1700–1848* ✦ **Roberto Romani**, Università degli Studi di Teramo; Member, School of Historical Studies

March 6

Seminar on International Relations ✦ *Indigenous Sovereignties in Amazonia* ✦ **Manuela Lavinas Picq**, Universidad San Francisco de Quito; Member, School of Social Science

March 10

Historical Studies Lunchtime Colloquium ✦ *Neither Donkey nor Horse: Medicine in the Struggle over China's Modernity* ✦ **Sean Hsiang-lin Lei**, Institute of Modern History, Academia Sinica, Taiwan; Member, School of Historical Studies

March 11

East Asian Studies Workshop ✦ *Xuannan Mediasphere: A Neighborhood and Its Representations in Late Eighteenth-Century Beijing* ✦ **Michele Matteini**, Reed College; Member, School of Historical Studies

Ancient Studies Seminar ✦ *The Reconciliation Inscription of Dikaia* ✦ **Emmanuel Voutiras**, Aristotle University of Thessaloniki; Member, School of Historical Studies

March 12

Workshop on The Future of the Responsibility to Protect ✦ *Introduction* ✦ **Michael van Walt van Praag**, Visiting Professor, School of Historical Studies ✦ *The Future of the Responsibility to Protect* ✦ **Gareth Evans**, The Australian National University ✦ *Discussant* ✦ **Simon Adams**, Global Centre for the Responsibility to Protect ✦ *Discussant* ✦ **William Azumah Awinador-Kanyirige**, Permanent Representative of Ghana to the United Nations ✦ *Discussant* ✦ **Hrair Balian**, The Carter Center Conflict Resolution Program ✦ *Discussant* ✦ **Miek Boltjes**, Kreddha–International Peace Council for States, Peoples, and Minorities ✦ *Discussant* ✦ **Wolfgang Danspeckgruber**, Princeton University ✦ *Discussant* ✦ **Frank Jackson**, Australian National University ✦ *Discussant* ✦ **Edward Luck**, Former Special Adviser to the United Nations Secretary-General on the Responsibility to Protect ✦ *Discussant* ✦ **H. E. Mr. Asoke Mukerji**, Ambassador and Permanent Representative of India to the United Nations ✦ *Discussant* ✦ **Meena Syed**, Political Affairs Permanent Mission of Norway to the United Nations ✦ *Discussant* ✦ **Patrick Travers**, Permanent Mission of Canada to the United Nations ✦ *Discussant* ✦ **Charlotte van Baak**, Permanent Mission of the Kingdom of the Netherlands to the United Nations ✦ *Discussant* ✦ **H. E. Karel J. G. van Oosterom**, Ambassador and Permanent Representative of the Netherlands to the United Nations

Dr. S. T. Lee Fund for Historical Studies Lecture ✦ *Mass Atrocity Crimes After Syria: The Future of the Responsibility to Protect* ✦ **Gareth Evans**, The Australian National University

March 13

Seminar on International Relations ✦ *Ottoman Prisoners of the Great War in Russia* ✦ **Yücel Yanikdağ**, University of Richmond; Member, School of Historical Studies

March 14

Ancient Studies Seminar: Epigraphic Friday ✦ *Observations on the Inscribers and Inscribing of the* Lapis Primus *and* Lapis Secundus ✦ **Stephen Tracy**, The American School of Classical Studies at Athens; Visitor, School of Historical Studies ✦ Basileis *and* Ephetai *in Draco's Law on Homicide (IG I³ 104.12 restored)* ✦ **Gerhard Thür**, Austrian Academy of Sciences; Visitor, School of Historical Studies ✦ *Textual Remarks on an Athenian Honorific Decree Concerning Harbor Taxation (IG I³ 182)* ✦ **Aurélie Carrara**, Harvard University ✦ Ta loipa en toi alloi krotaphoi gegraptai*: Some Side-Edges from Epidauros* ✦ **Sebastian Prignitz**, Inscriptiones Graecae, Berlin–Brandenburgische Akademie der Wissenschaften; Member, School of Historical Studies ✦ *A New Archaic Inscription from Olympia* ✦ **Klaus Hallof**, Berlin–Brandenburgische Akademie der Wissenschaften ✦ *The Cows of Morrylos* ✦ **Emmanuel Voutiras**, Aristotle University of Thessaloniki; Member, School of Historical Studies ✦ Synchoresis*,* Parachoresis*, and* Ekchoresis *in Imperial Funerary Inscriptions* ✦ **Kaja Harter-Uibopuu**, Austrian Academy of Sciences; Member, School of Historical Studies ✦ *Epigraphic Tidbits* ✦ **Angelos Chaniotis**, Professor, School of Historical Studies ✦ *The Ash Chest of Tiberius Dama* ✦ **Michael Peachin**, New York University ✦ *A Third-Century Latin Funerary Inscription* ✦ **Michael Kulikowski**, The Pennsylvania State University ✦ *The Cult of a Heroized Youth* ✦ **Christopher Jones**, Harvard University

March 17

Historical Studies Lunchtime Colloquium ✦ *How to Protect your Grave: Funerary Inscriptions from Greco-Roman Asia Minor* ✦ **Kaja Harter-Uibopuu**, Austrian Academy of Sciences; Member, School of Historical Studies

March 18

East Asian Studies Workshop ✦ *Why Hygiene (*weisheng*) Is Not about Guarding Life: Tuberculosis and Wasting Disorders in Republican China* ✦ **Sean Hsiang-lin Lei**, Institute of Modern History, Academia Sinica, Taiwan; Member, School of Historical Studies

Ancient Studies Seminar ✦ *Bellowing Buffalo and Other Grammars* ✦ **Naphtali Meshel**, Princeton University; Member, School of Historical Studies

Medieval Seminar ✦ *This French Which Is Not One:* Francophonie *in English Nunneries* ✦ **Jocelyn Wogan-Browne**, Yale University; Member, School of Historical Studies

March 19

Islamicist Seminar ✦ *Medieval Islamic Chivalry (*Futuwwa*)* ✦ **Deborah Tor**, University of Notre Dame; Member, School of Historical Studies

Art History Seminar ✦ *Paul Klee's Centrifugal Memorial Page: Looking as Reading and Reading as Looking, ca. 1923* ✦ **Annie Bourneuf**, School of the Art Institute Chicago; Member, School of Historical Studies

March 24

Historical Studies Lunchtime Colloquium ✦ *Minimal State Theories and Democracy in Europe: From the 1880s to Hayek* ✦ **Robert Romani**, Università degli Studi di Teramo; Member, School of Historical Studies

March 25

East Asian Studies Workshop ✦ *Going Abroad in Verse: Hakka and Minnanese Songs and Ballads about Overseas Migration (*Guofan ge 過番歌*) from Late Imperial and Early Republican China* ✦ **Wilt Idema**, Harvard University

Ancient Studies Seminar ✦ *What's In a Line: Medium, Message and Publicity in Greek Verse Inscriptions* ✦ **Sara Kaczko**, Università degli Studi di Roma, La Sapienza; Member, School of Historical Studies

Medieval Seminar ✦ *Hungary's Holy Crown: The Object, Its Uses, and the Historic Constitution* ✦ **Kim Lane Scheppele**, Princeton University; Joint Member, School of Historical Studies and School of Social Science

March 26

Art History Seminar ✦ *Abstract Art and the Crisis of Language* ✦ **Annie Bourneuf**, School of the Art Institute of Chicago; Member, School of Historical Studies

March 27

Seminar on International Relations ✦ *Empire of Security and the Security of Empire* ✦ **Kim Lane Scheppele**, Princeton University; Member, School of Historical Studies

March 28

Islamicist Seminar ✦ *The Perils of Intercession: Secular Power and Spiritual Authority in Sixteenth-Century Egypt* ✦ **Adam Sabra**, University of California, Santa Barbara

March 31

Historical Studies Lunchtime Colloquium ✦ *Reading Images: The Relationship Between Visual Medium and Literary Form in Early Greek Inscriptions* ✦ **Sara Kaczko**, Università degli Studi di Roma, La Sapienza; Member, School of Historical Studies

Dr. S. T. Lee Fund for Historical Studies Lecture ✦ *Maiden Voyage: The Senzaimaru and the Creation of Modern Sino-Japanese Relations* ✦ **Josh Fogel**, York University

April 1

East Asian Studies Workshop ✦ *Crafting Mental Powers in Modern China* ✦ **Jing Tsu**, Yale University; Member, School of Historical Studies

Ancient Studies Seminar ✦ *Logistical Power: The Nile, the Pithom Canal, and the Red Sea under Ptolemy II* ✦ **Sitta von Reden**, Albert-Ludwigs-Universität Freiburg; Member, School of Historical Studies

Medieval Seminar ✦ *From "Apollonius Pictus" to Apollonius von Tyrland: Similarities and Differences between Late Antique and Late Medieval Visual Narratives* ✦ **Anna Boreczky**, National Széchényi Library, Budapest; Member, School of Historical Studies

April 2

Islamicist Seminar ✦ *Between Courage and Cowardice: Fear and Manliness in the Ottoman Great War* ✦ **Yücel Yanikdağ**, University of Richmond; Member, School of Historical Studies

April 24

Early Modern Workshop ✦ *Pineapples in Petersburg, Cabbage Soup on the Equator: A Russian Writer Tours the Colonial World* ✦ **Edyta Bojanowska**, Rutgers, The State University of New Jersey; Member, School of Historical Studies

April 29–30

Workshop on Intellectual Life in Rayy ca. 900–1100: What Difference Did the Seljuqs make? ✦ *The Political Role of Rayy (ca. 900−1100): A Historical Overview* ✦ **Sebastian Hanstein**, Universität Leipzig ✦ *What Difference Did the Seljuqs Make?: The Significance of the Seljuqs in the Context of Islamic History and Civilization* ✦ **Deborah Tor**, University of Notre Dame; Member, School of Historical Studies ✦ *Sunnī (Non-Mu'tazilī) Scholars during the Seljuq Period: Relations between Sunnīs and Shī'īs in Rayy* ✦ **Hassan Farhang Ansari**, Freie Universität Berlin; Member, School of Historical Studies ✦ *Rayy, Khurasan (the Mashriq), and the Rise of Neo-Ash'arism* ✦ **Ayman Shihadeh**, University of London ✦ *A Sunnī Mu'tazilite in Early Seljuq Rayy: Abū Muḥammad al-Ḥasan Ibn Mattawayh* ✦ **Jan Thiele**, University of London ✦ *Bringing Arabic Knowledge to Rayy: The Many Sources Used by Abū Hātim al-Rāzī in His Kitāb al-Zinā* ✦ **Cornelius Berthold**, Universität Leipzig ✦ *From Abū Ḥātim al-Rāzī (d. 322/934) to Ḥasan-i Sabbāh (d. 518/1124): Ismā'īlism in Rayy Before and During the Seljuqs* ✦ **Daniel de Smet**, Centre National de la Recherche Scientifique, Paris ✦ *Representatives of Twelver Shī'ī Theology in Rayy Prior to and During the Seljuq Period* ✦ **Sabine Schmidtke**, Freie Universität Berlin; Member, School of Historical Studies ✦ *Imāmī*

Shīism During the Seljuqid Age: Minority Strategies According to the Kitāb al-naqd ◆ **Leonardo Capezzone**, Università degli Studi di Roma, La Sapienza ◆ *Rayy and the Zaydīs Before and After the Coming of the Seljuqs* ◆ **Aron Zysow**, Independent Scholar

School of Mathematics

October 8

Computer Science/Discrete Mathematics Seminar II ◆ *Rounding Moment Based SDP Relaxations by Column Selection* ◆ **Ali Kemal Sinop**, Member, School of Mathematics

Non-Equilibrium Dynamics and Random Matrices ◆ *Macdonald Processes I* ◆ **Alexei Borodin**, Massachusetts Institute of Technology

Security Awareness Seminar ◆ *Information Security* ◆ **Brian Epstein**, Staff, Institute for Advanced Study

October 9

IAS/Princeton University Wednesday Seminar on Perfectoid Spaces

Non-Equilibrium Dynamics and Random Matrices ◆ *Macdonald Processes II* ◆ **Alexei Borodin**, Massachusetts Institute of Technology

Mathematical Conversations ◆ *Stochastic Integrable Systems* ◆ **Herbert Spohn**, Technische Universität München; Member, School of Mathematics

October 10

Working Group on Algebraic Number Theory

Joint IAS/Princeton University Number Theory Seminar ◆ *Nearby Cycles and Local Convolution* ◆ **Luc Illusie**, Université Paris–Sud 11

October 11

Princeton/IAS Symplectic Geometry Seminar ◆ *Finite Energy Foliations and Connect Sums* ◆ **Joel Fish**, Massachusetts Institute of Technology; Member, School of Mathematics

October 14

Computer Science/Discrete Mathematics Seminar I ◆ *Obfuscating Programs against Algebraic Attacks* ◆ **Yael Tauman-Kalai**, Microsoft Research New England

Special Members' Seminar ◆ *The Weil Conjectures, from Abel to Deligne* ◆ **Sophie Morel**, Princeton University ◆ *Hodge Theory, from Abel to Deligne* ◆ **Phillip A. Griffiths**, Professor Emeritus, School of Mathematics

October 15

Computer Science/Discrete Mathematics Seminar II ◆ *Minimal Majority Sequences* ◆ **Noga Alon**, Tel Aviv University; Visiting Professor, School of Mathematics

Non-Equilibrium Dynamics and Random Matrices ◆ *Dynamical Phase Transitions, Eigenstate Thermalization, and Schrödinger Cats within the Ferromagnetic Phase of an Infinite-Range Quantum Ising Model* ◆ **David A. Huse**, Princeton University

October 16

IAS/Princeton University Wednesday Seminar on Perfectoid Spaces

Non-Equilibrium Dynamics and Random Matrices ◆ *Some Inter-Relations between Random Matrix Ensembles* ◆ **Peter Forrester**, University of Melbourne

October 17

Non-Equilibrium Dynamics and Random Matrices ◆ *Spectral Theory for the q-Boson Particle System* ◆ **Alexei Borodin**, Massachusetts Institute of Technology

Working Group on Algebraic Number Theory

Joint IAS/Princeton University Number Theory Seminar ◆ *G-Valued Flat Deformations and Local Models* ◆ **Brandon Levin**, The University of Chicago; Member, School of Mathematics

October 18

Princeton/IAS Symplectic Geometry Seminar ◆ *How Not to Define Cylindrical Contact Homology* ◆ **Michael Hutchings**

October 21

Computer Science/Discrete Mathematics Seminar I ◆ *Fractional Covering Numbers, with an Application to the Levi-Hadwiger Conjecture for Convex Bodies* ◆ **Boaz Slomka**, Tel Aviv University

Members' Seminar ◆ *(Non)-Commutative Geometry of Wire Network Graphs from Triply Periodic CMC Surfaces* ◆ **E. Birgit Kaufmann**, Purdue University; Member, School of Mathematics

October 22

Computer Science/Discrete Mathematics Seminar II ◆ *Matrix Perturbation with Random Noise and Matrix Recovery Problems* ◆ **Van Vu**, Yale University

October 23

IAS/Princeton University Wednesday Seminar on Perfectoid Spaces

Non-Equilibrium Dynamics and Random Matrices ◆ *Spectral Properties of the Quantum Random Energy Model* ◆ **Simone Warzel**, Technische Universität München; von Neumann Fellow, School of Mathematics

Mathematical Conversations ◆ *Category Theory: What's It Good For?* ◆ **Inna Zakharevich**, The University of Chicago; Member, School of Mathematics

October 24

Non-Equilibrium Dynamics and Random Matrices ◆ *Diffusion from Deterministic Dynamics* ◆ **Antti Kupiainen**, University of Helsinki; Member, School of Mathematics

Working Group on Algebraic Number Theory

Joint IAS/Princeton University Number Theory Seminar ◆ *The Local Gan-Gross-Prasad Conjecture for Tempered Representations of Unitary Groups* ◆ **Raphaël Beuzart-Plessis**, Member, School of Mathematics

October 25

Princeton/IAS Symplectic Geometry Seminar ◆ *Enumeration of Real Rational Curves* ◆ **Penka Georgieva**, Princeton University

October 28

Computer Science/Discrete Mathematics Seminar I

Members' Seminar ◆ *Random Matrices and L-Functions* ◆ **Alex Kontorovich**, Yale University; Member, School of Mathematics

October 29

Computer Science/Discrete Mathematics Seminar II

Mathematical Conversations ◆ *Clothing Surfaces* ◆ **Etienne Ghys**, École Normale Supérieure de Lyon

October 30

Ruth and Irving Adler Expository Lecture in Mathematics ◆ *Dynamics in Dimension 3: Geometry of Birkhoff Sections* ◆ **Etienne Ghys**, École Normale Supérieure de Lyon

Non-Equilibrium Dynamics and Random Matrices ◆ *Gap Probabilities and Applications to Geometry and Random Topology* ◆ **Antonio Lerario**, Purdue University

October 31

Non-Equilibrium Dynamics and Random Matrices ◆ *Linear Statistics of Eigenvalues* ◆ **Kurt Johansson**, KTH Royal Institute of Technology, Stockholm

November 1

Princeton/IAS Symplectic Geometry Seminar ◆ *Volume in Seiberg-Witten Theory and the Existence of Two Reeb Orbits* ◆ **Daniel Cristofaro-Gardiner**, Member, School of Mathematics

November 4

Workshop on Non-Equilibrium Dynamics and Random Matrices

Computer Science/Discrete Mathematics Seminar I ◆ *Approximating Large Frequency Moments with Pick-and-Drop Sampling* ◆ **Vladimir Braverman**, Johns Hopkins University

Lectures on Homological Mirror Symmetry ◆ **Nicholas Sheridan**, Princeton University; Veblen Research Instructor, School of Mathematics

November 5

Workshop on Non-Equilibrium Dynamics and Random Matrices

Computer Science/Discrete Mathematics Seminar II ◆ *Learning from Positive Examples* ◆ **Anindya De**, Member, School of Mathematics

Workshop on Non-Equilibrium Dynamics and Random Matrices

Workshop on Topology: Identifying Order in Complex Systems ◆ *Probabilistic Inference in Topological Data Analysis* ◆ **Andrew Blumberg**, The University of Texas at Austin IAS/Princeton University Wednesday Seminar on Perfectoid Spaces

Workshop on Topology: Identifying Order in Complex Systems ◆ *Braided Connecting Orbits in Parabolic Equations via Computational Homology* ◆ **Robert Vandervorst**, University of Amsterdam

Workshop on Topology: Identifying Order in Complex Systems ◆ *A Central Limit Theorem for Topology* ◆ **Peter Bubenik**, Cleveland State University

November 7
Workshop on Non-Equilibrium Dynamics and Random Matrices

Working Group on Algebraic Number Theory

Joint IAS/Princeton University Number Theory Seminar ◆ *Heegner Points and a B-SD Conjecture* ◆ **Wei Zhang**, Columbia University

November 8
Workshop on Non-Equilibrium Dynamics and Random Matrices

Princeton/IAS Symplectic Geometry Seminar ◆ *Tori in Four-Dimensional Milnor Fibres* ◆ **Ailsa Keating**, Massachusetts Institute of Technology

Mathematical Conversations ◆ *The Cosmic Galois Group, a Tale of Geometry, Number Theory, and Physics* ◆ **Pierre Cartier**, Institut des Hautes Études Scientifiques

November 11
Computer Science/Discrete Mathematics Seminar I ◆ *Communication Lower Bounds via Block Sensitivity* ◆ **Toni Pitassi**, University of Toronto

Members' Seminar ◆ *cdh Methods in K-Theory and Hochschild Homology* ◆ **Charles Weibel**, Rutgers, The State University of New Jersey; Member, School of Mathematics

Lectures on Homological Mirror Symmetry ◆ **Nicholas Sheridan**, Princeton University; Veblen Research Instructor, School of Mathematics

November 12
Computer Science/Discrete Mathematics Seminar II ◆ *Hypermatrix Algebra, Its Spectral Decomposition, and Applications* ◆ **Edinah Gnang**, Member, School of Mathematics

Non-Equilibrium Dynamics and Random Matrices ◆ *Covariance Matrix Estimation for the Cryo-EM Heterogeneity Problem* ◆ **Amit Singer**, Princeton University

November 13
Security Awareness Seminar ◆ *Information Security* ◆ **Brian Epstein**, Staff, Institute for Advanced Study

IAS/Princeton University Wednesday Seminar on Perfectoid Spaces

Non-Equilibrium Dynamics and Random Matrices ◆ *A Spectral Gap in $SL^2(R)$ and Applications* ◆ **Jean Bourgain**, IBM von Neumann Professor, School of Mathematics

Mathematical Conversations ◆ *Multiplying Integer Matrices* ◆ **Alex Kontorovich**, Yale University; Member, School of Mathematics

November 14
Working Group on Algebraic Number Theory

Joint IAS/Princeton University Number Theory Seminar ◆ *Independence of ℓ and Local Terms* ◆ **Martin Olsson**, University of California, Berkeley

November 15
Princeton/IAS Symplectic Geometry Seminar ◆ *Calabi-Yau Mirror Symmetry: From Categories to Curve-Counts* ◆ **Tim Perutz**, The University of Texas at Austin

November 18
Computer Science/Discrete Mathematics Seminar I ◆ *Efficient Reasoning in PAC Semantics* ◆ **Brendan Juba**, Harvard University

Members' Seminar ◆ *Interacting Brownian Motions in the Kadar-Parisi-Zhang Universality Class* ◆ **Herbert Spohn**, Technische Universität München; Member, School of Mathematics

Lectures on Homological Mirror Symmetry ◆ **Nicholas Sheridan**, Princeton University; Veblen Research Instructor, School of Mathematics

November 19
Computer Science/Discrete Mathematics Seminar II ◆ *Interactive Channel Capacity* ◆ **Gillat Kol**, Member, School of Mathematics

November 20
IAS/Princeton University Wednesday Seminar on Perfectoid Spaces

November 21
Non-Equilibrium Dynamics and Random Matrices ◆ *All-Order Asymptotics in Beta Ensembles in the Multi-Cut Regime* ◆ **Gaetan Borot**, Max-Planck-Institut für Mathematik

Working Group on Algebraic Number Theory

Non-Equilibrium Dynamics and Random Matrices ◆ *Diffusion and Superdiffusion of Energy in One-Dimensional Systems of Oscillators* ◆ **Stefano Olla**, Université Paris-Dauphine

Joint IAS/Princeton University Number Theory Seminar ◆ *Genus of Abstract Modular Curves with Level ℓ Structure* ◆ **Anna Gwenaelle Cadoret**, École Polytechnique; von Neumann Fellow, School of Mathematics

November 22
Princeton/IAS Symplectic Geometry Seminar ◆ *Gopakumar-Vafa Conjecture for Symplectic Manifolds* ◆ **Eleny Ionel**, Stanford University

November 25
Computer Science/Discrete Mathematics Seminar I ◆ *Geometry and Matrix Multiplication* ◆ **Joseph Landsberg**, Texas A&M University

Members' Seminar ◆ *Random Cayley Graphs* ◆ **Noga Alon**, Tel Aviv University; Visiting Professor, School of Mathematics

Lectures on Homological Mirror Symmetry ◆ **Nicholas Sheridan**, Princeton University; Veblen Research Instructor, School of Mathematics

November 26
Computer Science/Discrete Mathematics Seminar II ◆ *Toward Better Formula Lower Bounds: An Information Complexity Approach to the KRW Composition Conjecture* ◆ **Or Meir**, Member, School of Mathematics

Non-Equilibrium Dynamics and Random Matrices ◆ *Diffusion for the (Markov) Anderson Model* ◆ **Jeffrey Schenker**, Michigan State University; Member, School of Mathematics

December 2
Computer Science/Discrete Mathematics Seminar I ◆ *A Solution to Weaver's KS_2* ◆ **Adam Marcus**, Yale University

Members' Seminar ◆ *From Gromov to the Moon* ◆ **Joel Fish**, Massachusetts Institute of Technology; Member, School of Mathematics

Lectures on Homological Mirror Symmetry ◆ **Nicholas Sheridan**, Princeton University; Veblen Research Instructor, School of Mathematics

December 3
Computer Science/Discrete Mathematics Seminar II ◆ *Multi-Party Interactive Coding* ◆ **Allison Lewko**, Columbia University; Visitor, School of Mathematics

Non-Equilibrium Dynamics and Random Matrices ◆ *Polynomial Chaos and Scaling Limits of Disordered Systems* ◆ **Nikolaos Zygouras**, University of Warwick

Non-Equilibrium Dynamics and Random Matrices ◆ *KPZ Line Ensemble* ◆ **Ivan Corwin**, Clay Mathematics Institute, Columbia University, and Massachusetts Institute of Technology

Workshop on Topology: Identifying Order in Complex Systems ◆ *Some Applications of General Relativity to Non-Gravitational Physics* ◆ **Gary Gibbons**, University of Cambridge

IAS/Princeton University Wednesday Seminar on Perfectoid Spaces

Workshop on Topology: Identifying Order in Complex Systems ◆ *Paths and Cycles in Mechanism Design* ◆ **Rakesh Vohra**, University of Pennsylvania

Workshop on Topology: Identifying Order in Complex Systems ◆ *The Criticality Hypothesis: How Brains May Optimize Information Processing* ◆ **John Beggs**, Indiana University

Non-Equilibrium Dynamics and Random Matrices ◆ *Local Eigenvalue Statistics at the Edge of the Spectrum: An Extension of a Theorem of Soshnikov* ◆ **Alexander Sodin**, Princeton University

Working Group on Algebraic Number Theory

Joint IAS/Princeton University Number Theory Seminar ◆ *Patching and p-adic Local Langlands* ◆ **Ana Caraiani**, Princeton University; Veblen Research Instructor, School of Mathematics

Princeton/IAS Symplectic Geometry Seminar ◆ *Feynman Categories, Universal Operations, and Master Equations* ◆ **Ralph Martin Kaufmann**, Purdue University; Member, School of Mathematics

Non-Equilibrium Dynamics and Random Matrices ◆ *KPZ Question and Answer Session* ◆ **Ivan Corwin**, Clay Mathematics Institute, Columbia University, and Massachusetts Institute of Technology; **Jeremy Quastel**, University of Toronto; Member, School of Mathematics; and **Herbert Spohn**, Technische Universität München; Member, School of Mathematics

Computer Science/Discrete Mathematics Seminar I ◆ *How Cryptosystems Are REALLY Broken* ◆ **Adi Shamir**, Weizmann Institute of Science

Members' Seminar ◆ *Eigenvalues and Eigenvectors of Spiked Covariance Matrices* ◆ **Antti Knowles**, New York University; Member, School of Mathematics

Lectures on Homological Mirror Symmetry ◆ **Nicholas Sheridan**, Princeton University; Veblen Research Instructor, School of Mathematics

Computer Science/Discrete Mathematics Seminar II ◆ *Simplicial Complexes as Expanders* ◆ **Ori Parzanchevski**, Member, School of Mathematics

Non-Equilibrium Dynamics and Random Matrices ◆ *Acquiring Knowledge through Information Loss* ◆ **Jürg Fröhlich**, Eidgenössische Technische Hochschule Zürich; Visiting Professor, School of Mathematics

Non-Equilibrium Dynamics and Random Matrices ◆ *Exponential Asymptotics, Generalized Borel Summability, and Applications* ◆ **Ovidiu Costin**, The Ohio State University

Non-Equilibrium Dynamics and Random Matrices ◆ *Rigidity Phenomena in Random Point Sets and Applications* ◆ **Subhroshekhar Ghosh**, Princeton University

IAS/Princeton University Wednesday Seminar on Perfectoid Spaces

Mathematical Conversations ◆ *Selberg Plays Ping-Pong* ◆ **Christopher Brav**, Member, School of Mathematics

Non-Equilibrium Dynamics and Random Matrices ◆ *Multi-Component KPZ Equations* ◆ **Herbert Spohn**, Technische Universität München; Member, School of Mathematics Working Group on Algebraic Number Theory

Joint IAS/Princeton University Number Theory Seminar ◆ *Complex Analytic Vanishing Cycles for Formal Schemes* ◆ **Vladimir Berkovich**, Weizmann Institute of Science; Member, School of Mathematics

Princeton/IAS Symplectic Geometry Seminar ◆ *Lagrangian Submanifolds of Complex Projective Space* ◆ **Michael Usher**, University of Georgia

Computer Science/Discrete Mathematics Seminar I ◆ *Bi-Lipschitz Bijection between the Boolean Cube and the Hamming Ball* ◆ **Gil Cohen**, Weizmann Institute of Science

Computer Science/Discrete Mathematics Seminar II ◆ *Deeper Combinatorial Lower Bounds* ◆ **Siu Man Chan**, Princeton University

Non-Equilibrium Dynamics and Random Matrices ◆ *A Quantitative Brunn-Minkowski Inequality and Estimates on the Remainder in the Riesz Rearrangement Inequality* ◆ **Eric Carlen**, Rutgers, The State University of New Jersey

Non-Equilibrium Dynamics and Random Matrices ◆ *Exact Formulas for Random Growth off a Flat Interface* ◆ **Daniel Remenik**, Universidad de Chile

Mathematical Conversations ◆ *A New Viewpoint on Analytic Geometry* ◆ **Oren Ben-Bassat**, University of Oxford

Computer Science/Discrete Mathematics Seminar I ◆ *Unique Games, the Lasserre Hierarchy, and Monogamy of Entanglement* ◆ **Aram Harrow**, Massachusetts Institute of Technology

Members' Seminar ◆ *Rigidity and Flexibility of Schubert Classes* ◆ **Colleen Robles**, Texas A&M University; Member, School of Mathematics

Computer Science/Discrete Mathematics Seminar II ◆ *Simplicial Complexes as Expanders* ◆ **Ori Parzanchevski**, Member, School of Mathematics

Non-Equilibrium Dynamics and Random Matrices ◆ *Self-Avoiding Walk in Dimension 4* ◆ **Roland Bauerschmidt**, Member, School of Mathematics

Non-Equilibrium Dynamics and Random Matrices ◆ *Random Constraint Satisfaction Problems: The Statistical Mechanics Approach and Results* ◆ **Guilhem Semerjian**, École Normale Supérieure, Paris

Mathematical Conversations ◆ *Boltzmann's Entropy and the Time Evolution of Macroscopic Systems* ◆ **Joel Lebowitz**, Rutgers, The State University of New Jersey; Member, School of Mathematics

Non-Equilibrium Dynamics and Random Matrices ◆ *Tagged Particle Diffusion in One-Dimensional Systems with Hamiltonian Dynamics* ◆ **Abhishek Dhar**, International Centre for Theoretical Sciences, Bangalore, India

Computer Science/Discrete Mathematics Seminar I ◆ *Local Correctability of Expander Codes* ◆ **Brett Hemenway**, University of Pennsylvania

Princeton/IAS Symplectic Geometry Seminar ◆ *A Remark on the Euler Equations of Hydrodynamics* ◆ **Kai Cieliebak**, Universität Augsburg

Members' Seminar ◆ *Moduli of Super Riemann Surfaces (Joint with E. Witten)* ◆ **Ron Donagi**, University of Pennsylvania; Visitor, School of Natural Sciences

February 4

Computer Science/Discrete Mathematics Seminar II ◆ *Simplicial Complexes as Expanders* ◆ **Ori Parzanchevski**, Member, School of Mathematics

Non-Equilibrium Dynamics and Random Matrices ◆ *Random Matrix Theory and Zeta Functions* ◆ **Peter Sarnak**, Professor, School of Mathematics

February 5

Goncharov Reading Group

Non-Equilibrium Dynamics and Random Matrices ◆ *Motion of an Invading Heavy Tracer Particle in a Bose Gas* ◆ **Gang Zhou**, California Institute of Technology

February 6

Joint IAS/Princeton University Number Theory Seminar ◆ *Low-Lying Fundamental Geodesics* ◆ **Alex Kontorovich**, Yale University; Member, School of Mathematics

February 7

Non-Equilibrium Dynamics and Random Matrices ◆ *In Search of Explicit Matrices that Behave Like Random Ones* ◆ **Avi Wigderson**, Herbert H. Maass Professor, School of Mathematics

Princeton/IAS Symplectic Geometry Seminar ◆ *Cylindrical Contact Homology as a Well-Defined Homology?* ◆ **Joanna Nelson**, Visitor, School of Mathematics

Joint IAS/Princeton University Number Theory Seminar ◆ *The Hyperbolic Ax-Lindemann Conjecture* ◆ **Emmanuel Ullmo**, Université Paris-Sud 11

February 10

Computer Science/Discrete Mathematics Seminar I ◆ *Polynomial Bounds for the Grid-Minor Theorem* ◆ **Julia Chuzhoy**, Toyota Technological Institute at Chicago

Marston Morse Lectures ◆ *Arithmetic Hyperbolic 3-Manifolds, Perfectoid Spaces, and Galois Representations I* ◆ **Peter Scholze**, Universität Bonn

Lectures on Homological Mirror Symmetry ◆ **Nicholas Sheridan**, Princeton University; Veblen Research Instructor, School of Mathematics

February 11

Computer Science/Discrete Mathematics Seminar II ◆ *Non-Commutative Arithmetic Computation* ◆ **Avi Wigderson**, Herbert H. Maass Professor, School of Mathematics

Non-Equilibrium Dynamics and Random Matrices ◆ *Log-Integrability of Rademacher Fourier Series and Applications to Random Analytic Functions* ◆ **Alon Nishry**, Member, School of Mathematics

February 12

Goncharov Reading Group ◆ *An Introduction to Hodge Theory* ◆ **Christopher Brav**, Member, School of Mathematics

Marston Morse Lectures ◆ *Arithmetic Hyperbolic 3-Manifolds, Perfectoid Spaces, and Galois Representations II* ◆ **Peter Scholze**, Universität Bonn

Mathematical Conversations ◆ *Games, Strategies, and Computational Complexity* ◆ **Avi Wigderson**, Herbert H. Maass Professor, School of Mathematics

February 13

Joint IAS/Princeton University Number Theory Seminar ◆ *Remarks on the Cohomology of the Lubin-Tate Tower* ◆ **Peter Scholze**, Universität Bonn

February 14

Princeton/IAS Symplectic Geometry Seminar ◆ *On Floer Cohomology and Non-Archimedian Geometry* ◆ **Mohammed Abouzaid**, Columbia University

Marston Morse Lectures ◆ *Arithmetic Hyperbolic 3-Manifolds, Perfectoid Spaces, and Galois Representations III* ◆ **Peter Scholze**, Universität Bonn

February 17

Computer Science/Discrete Mathematics Seminar I ◆ *Unifying Known Lower Bounds via Geometric Complexity Theory* ◆ **Joshua Grochow**, University of Toronto

Lectures on Homological Mirror Symmetry ◆ **Nicholas Sheridan**, Princeton University; Veblen Research Instructor, School of Mathematics

February 18

Computer Science/Discrete Mathematics Seminar II ◆ *Non-Commutative Arithmetic Computation* ◆ **Avi Wigderson**, Herbert H. Maass Professor, School of Mathematics

Non-Equilibrium Dynamics and Random Matrices ◆ *3/4-Fractional Superdiffusion in a System of Harmonic Oscillators Perturbed by a Conservative Noise* ◆ **Cédric Bernardin**, Université de Nice Sophia Antipolis

February 19

Goncharov Reading Group ◆ *More on Hodge Theory* ◆ **Christopher Brav**, Member, School of Mathematics

Non-Equilibrium Dynamics and Random Matrices ◆ *Hartree-Fock Dynamics for Weakly Interacting Fermions* ◆ **Benjamin Schlein**, Rheinische Friedrich-Wilhelms-Universität Bonn; Member, School of Mathematics

Mathematical Conversations ◆ *From the Quantum Hall Effect to Integral Lattices and Braided Tensor Categories* ◆ **Jürg Fröhlich**, Eidgenössische Technische Hochschule Zürich; Visiting Professor, School of Mathematics

February 20

Cross-Disciplinary Informal Talks ◆ *A New Look at the Jones Polynomial of a Knot* ◆ **Edward Witten**, Charles Simonyi Professor, School of Natural Sciences

Cross-Disciplinary Informal Talks ◆ *Duality and Emergent Gauge Symmetry* ◆ **Nathan Seiberg**, Professor, School of Natural Sciences

Cross-Disciplinary Informal Talks ◆ *Emergent Geometry: The Duality between Gravity and Quantum Field Theory* ◆ **Juan Maldacena**, Professor, School of Natural Sciences

Cross-Disciplinary Informal Talks ◆ *On the (Un)reasonable (In)effectiveness of Mathematics in Biology* ◆ **Stanislas Leibler**, Professor, School of Natural Sciences

February 21

Special Seminar ◆ *Families of Lattice Polarized K3 Surfaces with Monodromy* ◆ **Charles Doran**, University of Alberta

Princeton/IAS Symplectic Geometry Seminar ◆ *A Criterion for Generating Fukaya Categories of Fibrations* ◆ **Sheel Ganatra**, Stanford University

February 24

Computer Science/Discrete Mathematics Seminar I ◆ *An Almost-Linear-Time Algorithm for Approximate Max Flow in Undirected Graphs, and Its Multicommodity Generalizations* ◆ **Jonathan Kelner**, Massachusetts Institute of Technology

Members' Seminar ◆ *Zeros of Polynomials via Matrix Theory and Continued Fractions* ◆ **Olga Holtz**, University of California, Berkeley; von Neumann Fellow, School of Mathematics

Lectures on Homological Mirror Symmetry ◆ **Nicholas Sheridan**, Princeton University; Veblen Research Instructor, School of Mathematics

February 25

Computer Science/Discrete Mathematics Seminar II ◆ *Fast Matrix Multiplication* ◆ **Yuval Filmus**, Member, School of Mathematics

Non-Equilibrium Dynamics and Random Matrices ◆ *Nearly Time-Periodic Water Waves* ◆ **Jon Wilkening**, University of California, Berkeley ◆ *Almost Global Solutions for Incompressible Elasticity in 2D* ◆ **Zhen Lei**, Fudan

University; Member, School of Mathematics ✦ *Strong Illposedness of Incompressible Euler in Borderline Spaces* ✦ **Dong Li**, The University of British Columbia

February 26
Goncharov Reading Group ✦ *An Introduction to Algebraic K-Theory* ✦ **Daniel R. Grayson**, University of Illinois at Urbana-Champaign; Member, School of Mathematics

Non-Equilibrium Dynamics and Random Matrices ✦ *An Application of the Renormalization Group Method to the Navier-Stokes System* ✦ **Yakov Sinai**, Princeton University

Mathematical Conversations ✦ *Non-Associative Division Algebras and Projective Geometry* ✦ **Charles Weibel**, Rutgers, The State University of New Jersey; Member, School of Mathematics

February 27
Non-Equilibrium Dynamics and Random Matrices ✦ *Quantum Hall Phases, Plasma Analogy, and Incompressibility Estimates* ✦ **Jakob Yngvason**, Universität Wien ✦ *From High-Dimensional Data to Big Data* ✦ **Han Liu**, Princeton University

Joint IAS/Princeton University Number Theory Seminar ✦ *Sigel Units and Euler Systems* ✦ **Antonio Lei**, McGill University

February 28
Non-Equilibrium Dynamics and Random Matrices ✦ *Many-Body Anderson Localization* ✦ **David A. Huse**, Princeton University

Princeton/IAS Symplectic Geometry Seminar ✦ *Implicit Atlases and Virtual Fundamental Cycles* ✦ **John Pardon**, Stanford University

March 3
Computer Science/Discrete Mathematics Seminar I ✦ *The Green-Tao Theorem and a Relative Szemeredi Theorem* ✦ **Yufei Zhao**, Massachusetts Institute of Technology

Members' Seminar ✦ *Topologies of Nodal Sets of Random Band Limited Functions* ✦ **Peter Sarnak**, Professor, School of Mathematics

Lectures on Homological Mirror Symmetry ✦ **Nicholas Sheridan**, Princeton University; Veblen Research Instructor, School of Mathematics

March 4
Computer Science/Discrete Mathematics Seminar II ✦ *Fast Matrix Multiplication* ✦ **Yuval Filmus**, Member, School of Mathematics

Non-Equilibrium Dynamics and Random Matrices ✦ *The Dynamical ϕ_3^4 Model: Methodology and Results* ✦ **Martin Hairer**, University of Warwick; Member, School of Mathematics

March 5
Goncharov Reading Group ✦ *Hyperbolic Manifolds* ✦ **Tudor Dan Dimofte**, Long-term Member, School of Natural Sciences

Non-Equilibrium Dynamics and Random Matrices ✦ *The Dynamical ϕ_3^4 Model: Derivation of the Renormalised Equations* ✦ **Martin Hairer**, University of Warwick; Member, School of Mathematics

Princeton/IAS Symplectic Geometry Seminar ✦ *Contact Invariants in Sutured Monopole and Instanton Homology* ✦ **Steven Sivek**, Princeton University

Mathematical Conversations ✦ *From Matrix Multiplication to Digital Sculpting* ✦ **Edinah Gnang**, Member, School of Mathematics

March 6
Non-Equilibrium Dynamics and Random Matrices ✦ *The Dynamical ϕ_3^4 Model: Convergence of Approximations* ✦ **Martin Hairer**, University of Warwick; Member, School of Mathematics

Working Group on Algebraic Number Theory

Princeton/IAS Symplectic Geometry Seminar ✦ *Non-Displaceable Lagrangians via Minimal Model Transitions* ✦ **Chris Woodward**, Rutgers, The State University of New Jersey

Joint IAS/Princeton University Number Theory Seminar ✦ *Small Gaps between Primes* ✦ **James Maynard**, Université de Montréal

March 7
Princeton/IAS Symplectic Geometry Seminar ✦ *New Combinatorial Computations of Embedded Contact Homology* ✦ **Keon Choi**, University of California, Berkeley

March 10
Computer Science/Discrete Mathematics Seminar I ✦ *Two Structural Results for Low Degree Polynomials and Applications* ✦ **Avishay Tal**, Weizmann Institute of Science

Members' Seminar ✦ *Filtering the Grothendieck Ring of Varieties* ✦ **Inna Zakharevich**, The University of Chicago; Member, School of Mathematics

Lectures on Homological Mirror Symmetry ✦ **Nicholas Sheridan**, Princeton University; Veblen Research Instructor, School of Mathematics

March 11
Computer Science/Discrete Mathematics Seminar II ✦ *How to Delegate Computations: The Power of No-Signaling* ✦ **Ran Raz**, Weizmann Institute of Science; Visiting Professor, School of Mathematics

Non-Equilibrium Dynamics and Random Matrices ✦ *The Sherrington-Kirkpatrick Model and Its Diluted Version I* ✦ **Dmitry Panchenko**, Texas A&M University

March 12
Non-Equilibrium Dynamics and Random Matrices ✦ *The Sherrington-Kirkpatrick Model and Its Diluted Version II* ✦ **Dmitry Panchenko**, Texas A&M University ✦ *The Brownian Motion as the Limit of a Deterministic System of Hard-Spheres* ✦ **Thierry Bodineau**, École Polytechnique, Université Paris-Saclay

Mathematical Conversations ✦ *Correlation of Magic Sequences and Some Ideas from Outer Space* ✦ **Mark Goresky**, Long-term Member, School of Mathematics

March 13
Working Group on Algebraic Number Theory

Non-Equilibrium Dynamics and Random Matrices ✦ *A Rigorous Result on Many-Body Localization* ✦ **John Imbrie**, University of Virginia; Member, School of Mathematics

Joint IAS/Princeton University Number Theory Seminar ✦ *Density of Certain Classes of Potentially Crystalline Representations in Local and Global Galois Deformation Rings* ✦ **Matthew Emerton**, The University of Chicago

March 14
Non-Equilibrium Dynamics and Random Matrices ✦ *Choptuik's Critical Spacetime* ✦ **Michael Reiterer**, Member, School of Mathematics

Princeton/IAS Symplectic Geometry Seminar ✦ *Knot Contact Homology and Topological Strings* ✦ **Tobias Ekholm**, Uppsala University ✦ *Moduli of Marked Disks, Open KdV, and Virasoro* ✦ **Jake Solomon**, Hebrew University

March 17
Computer Science/Discrete Mathematics Seminar I ✦ *The Matching Polytope Has Exponential Extension Complexity* ✦ **Thomas Rothvoss**, University of Washington

Members' Seminar ✦ *Criticality for Multicommodity Flows* ✦ **Paul Seymour**, Princeton University

March 18
Computer Science/Discrete Mathematics Seminar II ✦ *Graph Expansion and Communication Complexity of Algorithms* ✦ **Olga Holtz**, University of California, Berkeley; von Neumann Fellow, School of Mathematics

Non-Equilibrium Dynamics and Random Matrices ✦ *On the Boltzmann Equation without Angular Cut-Off* ✦ **Robert Strain**, University of Pennsylvania

March 19

Goncharov Reading Group ◆ *Introduction to Motives* ◆ **Ana Caraiani**, Princeton University; Veblen Research Instructor, School of Mathematics

Non-Equilibrium Dynamics and Random Matrices ◆ *Products of Random Matrices: New Results for Finite and Infinite Size* ◆ **Gernot Akemann**, Universität Bielefeld

Mathematical Conversations ◆ *The Math and Magic of Jorge Luis Borges* ◆ **Olga Holtz**, University of California, Berkeley; von Neumann Fellow, School of Mathematics

March 24

Computer Science/Discrete Mathematics Seminar I ◆ *List Decodability of Randomly Punctured Codes* ◆ **Mary Wootters**, University of Michigan

Princeton/IAS Symplectic Geometry Seminar ◆ *BCFG Drinfeld-Sokolov Hierarchies and ADE LG-Model with Symmetry* ◆ **Yongbin Ruan**, University of Michigan

Members' Seminar ◆ *Gambling, Computational Information, and Encryption Security* ◆ **Bruce Kapron**, University of Victoria; Member, School of Mathematics

March 25

Computer Science/Discrete Mathematics Seminar II ◆ *Circular Encryption in Formal and Computational Cryptography* ◆ **Bruce Kapron**, University of Victoria; Member, School of Mathematics

Special Number Theory Seminar ◆ *Eisenstein Series of Weight 1* ◆ **Kamal Khuri-Makdisi**, American University of Beirut

Non-Equilibrium Dynamics and Random Matrices ◆ *From Classical to Quantum Integrability, and Back* ◆ **Vladimir Kazakov**, École Normale Supérieure, Paris

March 26

Goncharov Reading Group ◆ *Dilogarithms* ◆ **Tudor Dan Dimofte**, Long-term Member, School of Natural Sciences, and **Christopher Brav**, Member, School of Mathematics

Non-Equilibrium Dynamics and Random Matrices ◆ *Some Results on History-Dependent Stochastic Processes* ◆ **Margherita Disertori**, Universität Bonn ◆ *Anomalous Shock Fluctuations in TASEP and Last Passage Percolation Models* ◆ **Patrik Ferrari**, Universität Bonn

Public Lecture ◆ *Univalent Foundations: New Foundations of Mathematics* ◆ **Vladimir Voevodsky**, Professor, School of Mathematics

Mathematical Conversations ◆ *Six Is the New Ten* ◆ **Tudor Dan Dimofte**, Long-term Member, School of Natural Sciences

March 27

Non-Equilibrium Dynamics and Random Matrices ◆ *Some Properties of the One-Dimensional q-Boson Asymmetric Zero-Range Process* ◆ **Tomohiro Sasamoto**, Tokyo Institute of Technology

Working Group on Algebraic Number Theory

Joint IAS/Princeton University Number Theory Seminar ◆ *On a Motivic Method in Diophantine Geometry* ◆ **Majid Hadian-Jazi**, University of Illinois at Chicago

March 28

Round Table on Open Problems in Non-Equilibrium Statistical Physics and Related Spectral Problems ◆ **Jürg Fröhlich**, Eidgenössische Technische Hochschule Zürich; Visiting Professor, School of Mathematics ◆ **David A. Huse**, Princeton University ◆ **Michael Aizenmann**, Princeton University

Princeton/IAS Symplectic Geometry Seminar ◆ *Virtual Neighborhood Technique and Its Applications* ◆ **Bai-Ling Wang**, The Australian National University

March 31

Workshop on Non-Equilibrium Dynamics and Random Matrices

Computer Science/Discrete Mathematics Seminar I ◆ *A Polynomial Lower Bound for Monotonicity Testing of Boolean Functions over Hypercube and Hypergrid Domains* ◆ **Rocco Servedio**, Columbia University

April 1

Workshop on Non-Equilibrium Dynamics and Random Matrices

Computer Science/Discrete Mathematics Seminar II ◆ *Byzantine Agreement in Expected Polynomial Time* ◆ **Valerie King**, University of Victoria; Member, School of Mathematics

Special Number Theory Seminar ◆ *Statistical Behavior of Eigenforms on Quaternion Algebras* ◆ **Paul Nelson**, École Polytechnique Fédérale de Lausanne

April 2

Workshop on Non-Equilibrium Dynamics and Random Matrices

Goncharov Reading Group ◆ *Back to the Paper!* ◆ **Inna Zakharevich**, The University of Chicago; Member, School of Mathematics, and **Christopher Brav**, Member, School of Mathematics

April 3

Workshop on Non-Equilibrium Dynamics and Random Matrices

Working Group on Algebraic Number Theory

Joint IAS/Princeton University Number Theory Seminar ◆ *A Framework of Rogers-Ramanujan Identities* ◆ **Ken Ono**, Emory University

April 4

Workshop on Non-Equilibrium Dynamics and Random Matrices

Princeton/IAS Symplectic Geometry Seminar ◆ *Towards Viterbo Functoriality for Nonexact Liouville Embeddings* ◆ **Janko Latschev**, Universität Hamburg ◆ *Minimal Discrepancy of Isolated Singularities and Reeb Orbits* ◆ **Mark McLean**, Stony Brook University, The State University of New York

April 7

Computer Science/Discrete Mathematics Seminar I ◆ *Progress on Algorithmic Versions of the Lovasz Local Lemma* ◆ **Aravind Srinivasan**, University of Maryland, College Park

Members' Seminar ◆ *Extracting Rational Vector Spaces from Torsion Groups* ◆ **Bhargav Bhatt**, Member, School of Mathematics

April 8

Computer Science/Discrete Mathematics Seminar II ◆ *Do NP-Hard Problems Require Exponential Time?* ◆ **Andrew Drucker**, Member, School of Mathematics

Special Number Theory Seminar ◆ *L-Functions, Sieves, and the Tate Shafarevich Group* ◆ **Maksym Radziwill**, Member, School of Mathematics

April 9

Goncharov Reading Group ◆ *More on Motives* ◆ **Charles Weibel**, Rutgers, The State University of New Jersey; Member, School of Mathematics

Mathematical Conversations ◆ *On Characters and Words in Groups* ◆ **Ori Parzanchevski**, Member, School of Mathematics

April 10

Working Group on Algebraic Number Theory

Joint IAS/Princeton University Number Theory Seminar ◆ *Applications of Additive Combinatorics to Diophantine Equations* ◆ **Alexei Skorobogatov**, Imperial College London

April 14

Computer Science/Discrete Mathematics Seminar I ◆ *Local Correctability of Expander Codes* ◆ **Brett Hemenway**, University of Pennsylvania

Members' Seminar ◆ *Toroidal Soap Bubbles: Constant Mean Curvature Tori in S^3 and R^3* ◆ **Emma Carberry**, University of Sydney

Lectures on Homological Mirror Symmetry ◆ **Nicholas Sheridan**, Princeton University; Veblen Research Instructor, School of Mathematics

April 15

Computer Science/Discrete Mathematics Seminar II ✦ *IP = PSPACE via Error Correcting Codes* ✦ **Or Meir**, Member, School of Mathematics

Non-Equilibrium Dynamics and Random Matrices ✦ *Duistermaat-Hackamn Measures and Pitman Theorem* ✦ **Philippe Biane**, Université Paris-Est Marne-la-Vallée

April 16

Non-Equilibrium Dynamics and Random Matrices ✦ *Limiting Eigenvalue Distribution of Random Matrices Involving Tensor Product* ✦ **Leonid Pastur**, B. Verkin Institute for Low Temperature Physics and Engineering, National Academy of Sciences of Ukraine

April 17

Working Group on Algebraic Number Theory

Joint IAS/Princeton University Number Theory Seminar ✦ *Epipelagic Representations and Rigid Local Systems* ✦ **Zhiwei Yun**, Stanford University

April 21

Computer Science/Discrete Mathematics Seminar I ✦ *True Randomness: Its Origin and Expansion* ✦ **Yaoyun Shi**, University of Michigan

Members' Seminar ✦ *A Riemann-Roch Theorem in Bott-Chern Cohomology* ✦ **Jean-Michel Bismut**, Université Paris-Sud 11

Joint IAS/Princeton University Number Theory Seminar ✦ *A Transition Formula for Mean Values of Dirichlet Polynomials* ✦ **Yitang Zhang**, University of New Hampshire

April 22

Computer Science/Discrete Mathematics Seminar II ✦ *Results and Open Problems in the Theory of Quantum Complexity* ✦ **Andris Ambainis**, University of Latvia; von Neumann Fellow, School of Mathematics

Non-Equilibrium Dynamics and Random Matrices ✦ *Free Entropy* ✦ **Philippe Biane**, Université Paris-Est Marne-la-Vallée

April 23

Goncharov Reading Group
Non-Equilibrium Dynamics and Random Matrices ✦ *Nonlinear Brownian Motion and Nonlinear Feynman-Kac Formula of Path-Functions* ✦ **Shige Peng**, Shandong University

April 24

Working Group on Algebraic Number Theory

Joint IAS/Princeton University Number Theory Seminar ✦ *Torsion in the Coherent Cohomology of Shimura Varieties and Galois Representations* ✦ **George Boxer**, Harvard University

April 28

Computer Science/Discrete Mathematics Seminar I ✦ *Search Games and Optimal Kakeya Sets* ✦ **Yuval Peres**, Microsoft Research

April 29

Computer Science/Discrete Mathematics Seminar II ✦ *A Central Limit Theorem for Gaussian Polynomials and Deterministic Approximate Counting for Polynomial Threshold Functions* ✦ **Anindya De**, Member, School of Mathematics

April 30

Goncharov Reading Group

Non-Equilibrium Dynamics and Random Matrices ✦ *Landau Damping: Gevrey Regularity and Paraproducts* ✦ **Clément Mouhot**, University of Cambridge ✦ *Geometry of Metrics and Measure Concentration in Abstract Ergodic Theory* ✦ **Tim Austin**, New York University

May 1

Joint IAS/Princeton University Number Theory Seminar ✦ *Geometric Structure and the Local Langlands Conjecture* ✦ **Paul Baum**, The Pennsylvania State University

May 2

Joint IAS/Princeton University Number Theory Seminar ✦ *Recovering Elliptic Curves from Their p-Torsion* ✦ **Benjamin Bakker**, New York University

May 7

Goncharov Reading Group

May 8

Joint IAS/Princeton University Number Theory Seminar ✦ *Moments of Zeta Functions Associated to Hyperelliptic Curves* ✦ **Michael Rubinstein**, University of Waterloo

May 13

Computer Science/Discrete Mathematics Seminar II ✦ *A Central Limit Theorem for Gaussian Polynomials and Deterministic Approximate Counting for Polynomial Threshold Functions* ✦ **Anindya De**, Member, School of Mathematics

May 14

Goncharov Reading Group

May 21

Goncharov Reading Group

June 10

Special Number Theory Seminar ✦ *Euler Systems and the Birch-Swinnerton-Dyer Conjecture* ✦ **Sarah Zerbes**, University College London

June 11

Special Number Theory Seminar ✦ *Euler Systems and Bounds for Selmer Groups* ✦ **David Loeffler**, University of Warwick

School of Natural Sciences

ASTROPHYSICS ACTIVITIES

July 8

Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *General Discussion* ✦ **Matias Zaldarriaga**, Professor, School of Natural Sciences, and **David Spergel**, Princeton University

July 15

Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *Dark Matter Harmonics beyond Annual Modulation* ✦ **Ben Safdi**, Princeton University

July 22

Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *Overview: Joint Likelihood Function of Cluster Number Counts and Weak Lensing Power Spectrum* ✦ **David Spergel**, Princeton University

September 9

Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *Halo Bias: Nonlinear, Nonlocal, and Stochastic* ✦ **Ravi Sheth**, University of Pennsylvania

September 17

Astrophysics Seminar ✦ *Mega-Maser Cosmology Project* ✦ **Fred K. Y. Lo**, National Radio Astronomy Observatory

September 19

Astrophysics Informal Seminar ✦ *The Galaxy-Halo Connection and the Evolution of the Red Sequence* ✦ **Jeremy Tinker**, New York University

September 23

Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *Lagrangian Perturbation Theory at 1-Loop Level* ✦ **Naonori Sugiyama**, Princeton University

September 24

Astrophysics Seminar ✦ *The Progenitors of Short Gamma-Ray Bursts and the Electromagnetic Counterparts of Gravitational Wave Sources* ✦ **Edo Berger**, Harvard University

September 26

Astrophysics Informal Seminar ✦ *21cm Fluctuations during the Dark Ages: Accounting for the Relative Velocity of Baryons and CDM* ✦ **Yacine Ali-Haïmoud**, Member, School of Natural Sciences

October 1

Astrophysics Seminar ✦ *Unleashing Feedback: Galaxies and AGN* ✦ **Joseph Silk**, Johns Hopkins University

October 3

Astrophysics Informal Seminar ✦ *Characterization of Exoplanetary Atmospheres and Interiors* ✦ **Nikku Madhusudhan**, Yale University

October 7

Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *Modeling the Hierarchical Evolution of Galaxy Clusters* ✦ **Irina Dvorkin**, Florence and George Wise Observatory, Tel Aviv University

October 8

Astrophysics Seminar ✦ *Aberrations Produced by Telescopes and by Galaxies* ✦ **Paul Schechter**, Massachusetts Institute of Technology

October 10

Astrophysics Informal Seminar ✦ *The Sad Story of the Cosmic EUV Background* ✦ **Matt McQuinn**, University of California, Berkeley

October 15

Astrophysics Seminar ✦ *Insights into the Galaxy from the RAVE Survey* ✦ **Rosemary Wyse**, Johns Hopkins University

October 16–28

Princeton Center for Theoretical Science/Institute for Advanced Study Workshop on the Dark Matter Paradigm: Current Status and Challenges ✦ *Dark Side* ✦ **Cristiano Galbiati**, Princeton University ✦ *Update on the Xenon Experiment* ✦ **Elena Aprile**, Columbia University ✦ *SABRE (Sodium Iodide with Active Background Rejection): A New Experiment to Test the DAMA/LIBRA Result* ✦ **Jingke Xu**, Princeton University ✦ *Overview of Gamma-Ray Radiation from Dark Matter Annihilation* ✦ **Doug Finkbeiner**, Harvard University ✦ *Dark Matter, Solar, and Laboratory Searches for the Axion* ✦ **Karl van Bibber**, University of California, Berkeley ✦ *AMS Results* ✦ **Andrei Kounine**, CERN ✦ *Dwarf Galaxies and Dark Matter* ✦ **Rosemary Wyse**, Johns Hopkins University ✦ *Dark Matter in the Milky Way* ✦ **Jo Bovy**, Member, School of Natural Sciences ✦ *Overview of Dark Matter Direct Detection* ✦ **Neal Weiner**, New York University ✦ *Monojets Versus the Rest of the World* ✦ **Kathryn Zurek**, University of Michigan ✦ *Dark Matter Searches with Fermi LAT* ✦ **Simona Murgia**, University of California, Irvine ✦ *Dark Matter Annihilation in the Galactic Center and Inner Galaxy* ✦ **Dan Hooper**, Fermi National Accelerator Laboratory and the University of Chicago ✦ *Theoretical and Experimental Aspects of Light Dark Matter* ✦ **Rouven Essig**, Stony Brook University, The State University of New York ✦ *Dark Matter Insights from Cosmological Structure Formation* ✦ **Risa Wechsler**, Stanford University ✦ *Update and Future of CDMS* ✦ **Enectali Figueroa-Feliciano**, Massachusetts Institute of Technology ✦ *New Ideas for Axion*

Detection ✦ **Peter Graham**, Stanford University ✦ *Self-Interacting Dark Matter* ✦ **Manoj Kaplinghat**, University of California, Irvine ✦ *The Small-Scale Structure of Dark Matter* ✦ **Andrew Zentner**, University of Pittsburgh ✦ *Dark Matter Substructure and Gravitational Lensing* ✦ **Chuck Keeton**, Rutgers, The State University of New Jersey ✦ *The Impact of SIDM on Structure Formation and Direct Detection* ✦ **Mark Vogelsberger**, Harvard University ✦ *Probing Dark Matter Substructure with ALMA* ✦ **Neal Dalal**, University of Illinois ✦ Organizing Committee: **Kfir Blum**, Member, School of Natural Sciences; **Daniel Grin**, The University of Chicago; **Samuel Lee**, Princeton Center for Theoretical Science, Princeton University; **Mariangela Lisanti**, Princeton University; **Tracy Slatyer**, Massachusetts Institute of Technology

October 21

Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *Current Dark Matter Annihilation Bounds from the CMB and Prospects for Neutrino Mass Measurements from ACTpol* ✦ **Neelima Sehgal**, Stony Brook University, The State University of New York

October 22

Astrophysics Seminar ✦ *How the CMB Challenges Standard Cosmology* ✦ **Glenn Starkman**, Case Western Reserve University

October 24

Astrophysics Informal Seminar ✦ *Unveiling the Origin of High-Energy Neutrinos Observed by IceCube* ✦ **Kohta Murase**, Member, School of Natural Sciences

October 29

Astrophysics Seminar ✦ *LSST Project Office and SLAC/Stanford* ✦ **Steven Kahn**, Stanford University

October 31

Astrophysics Informal Seminar ✦ *All-Radiation Backgrounds from Star-Forming Galaxies: A Preview* ✦ **Brian Lacki**, Member, School of Natural Sciences

November 4

Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *Direct Constraints on High-Redshift Star Formation from Observed Chemical Revolution of DLAs* ✦ **Girish Kulkarni**, Max-Planck–Institut für Astronomie

November 5

Astrophysics Seminar ✦ *Black Hole Battery* ✦ **Janna Levin**, Columbia University

November 7

Astrophysics Informal Seminar ✦ *A Census of Distant, Giant Exoplanets* ✦ **Timothy David Brandt**, Member, School of Natural Sciences

November 12

Astrophysics Seminar ✦ *The Hubble Constant and Dark Energy from Cepheids, Supernovae, and Parallax* ✦ **Adam Riess**, Johns Hopkins University

November 14

Astrophysics Informal Seminar ✦ *Gravitational Wave Detection with Atom Interferometry* ✦ **Surjeet Rajendran**, Stanford University

November 18

Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *Bridging the Gap between Theory and Observations of Galaxies across Cosmic Time* ✦ **Yuexing Li**, The Pennsylvania State University

November 19

Astrophysics Seminar ✦ *New Aspects of Core-Collapse Supernova Theory* ✦ **Christian Ott**, California Institute of Technology

November 21

Astrophysics Informal Seminar ✦ *Building HERA from PAPERclips and Supercomputers* ✦ **Aaron Parsons**, University of California, Berkeley

November 26

Astrophysics Seminar ✦ *Science Horizons and Technology Challenges in X-Ray Astronomy beyond Chandra* ✦ **Alexey Vikhlinin**, Harvard–Smithsonian Center for Astrophysics

December 2

Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *Probing the Initial Conditions of the Universe Using Large-Scale Structure* ✦ **Nishant Agarwal**, Carnegie Mellon University

December 3

Astrophysics Seminar ✦ *Massive Gravity and Cosmology* ✦ **Gregory Gabadadze**, New York University

December 5

Astrophysics Informal Seminar ✦ *How Asteroseismology Is Changing Stellar Astrophysics* ✦ **Sarbani Basu**, Yale University

December 11

Astrophysics Seminar ✦ *Feedback Processes in Rapidly Star-Forming Galaxies* ✦ **Todd Thompson**, The Ohio State University

December 12

Astrophysics Informal Seminar ✦ *Detection of Lensing B-Modes in CMB Polarization* ✦ **Duncan Hanson**, McGill University

December 16

Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *New Constraints on the Amplitude of Cosmic Density Fluctuations and Intracluster Gas from the Thermal SZ Signal Measured by Planck and ACT* ✦ **Colin Hill**, Princeton University

January 14

Astrophysics Seminar ✦ *Solar Chemical Anomalies and Late Accretion* ✦ **Wick Haxton**, University of California, Berkley

January 16

Astrophysics Informal Seminar ✦ *The All-Sky Automated Survey for Supernovae (ASAS-SN): Big Science with Small Telescopes* ✦ **José Prieto**, Princeton University

January 21

Astrophysics Seminar ✦ *Gaps in Galactic Stellar Streams* ✦ **Ray Carlberg**, University of Toronto

January 23

Astrophysics Informal Seminar ✦ *Three Pieces in the Form of a Ring* ✦ **Jihad Touma**, American University of Beirut; Visitor, School of Natural Sciences

January 27

Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *Not All Approaches to Large-Scale Structure Are Created Equal* ✦ **Svetlin Tassev**, Princeton University

January 28

Astrophysics Seminar ✦ *ALMA Observations of Galaxy Evolution and Nuclear Activity* ✦ **Nick Scoville**, California Institute of Technology

January 30

Astrophysics Informal Seminar ✦ *Supernova Remnants as Galactic Cosmic-Ray Factories* ✦ **Damiano Caprioli**, Princeton University

February 4

Astrophysics Seminar ✦ *Once Upon a Time in Kamchatka: The Extraordinary Search for Natural Quasicrystals* ✦ **Paul Steinhardt**, Princeton University

February 6

Astrophysics Informal Seminar ✦ *ALMA Observations of Strongly Lensed Dusty Star-Forming Galaxies and Prospects for Mapping the Small-Scale Structure of Dark Matter Halos* ✦ **Yashar Hezaveh**, Stanford University

February 10

Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *Progress and Challenges for CMB Lensing* ✦ **Alexander van Engelen**, Stony Brook University, The State University of New York

February 10–12

Astrophysics Workshop on Ias @ IAS ✦ Day 1 Morning Moderator: **Doron Kushnir**, Member, School of Natural Sciences ✦ *Opening Words* ✦ **Bob Kirshner**, Harvard-Smithsonian Center for Astrophysics ✦ *What Do We Really Know about SNe Ias* ✦ **Craig Wheeler**, The University of Texas at Austin ✦ *White Dwarf Collisions in Triple Systems* ✦ **Boaz Katz**, Long-term Member, School of Natural Sciences ✦

Bolometric Light Curve Session Speakers: **Mark M. Phillips**, Las Campanas Observatory ✦ **Boaz Katz**, Long-term Member, School of Natural Sciences ✦ **Andy Howell**, University of California, Santa Barbara ✦ Day 1 Afternoon Moderator: **Avishay Gal-Yam**, Weizmann Institute of Science ✦ *Nebular Phase* Session Speakers: **Subo Dong**, The Kavli Institute for Astronomy and Astrophysics at Peking University ✦ **Peter Garnavich**, University of Notre Dame ✦ **Keiichi Maeda**, Kavli Institute for the Physics and Mathematics of the Universe, The University of Tokyo ✦ **Paolo Mazzali**, The Astrophysics Research Institute at Liverpool John Moores University ✦ **Jeffrey Silverman**, The University of Texas at Austin ✦ *General* Session Speakers: **Adam Burrows**, Princeton University ✦ **Ken Shen**, University of California, Berkeley ✦ **Maximilian Stritzinger**, Aarhus University, Denmark ✦ Day 2 Morning Moderator: **Eran Ofek**, Weizmann Institute of Science ✦ *Spectra* Session Speakers: **Luc Dessart**, Astrophysics Laboratory of Marseille, France ✦ **Markus Kromer**, Max-Planck-Institut für Astrophysik ✦ **Kate Maguire**, University of Oxford, United Kingdom ✦ Day 2 Afternoon Moderator: **Boaz Katz**, Long-term Member, School of Natural Sciences ✦ *Spectra* Session Speaker (continued): **Stuart Sim**, Queens University Belfast ✦ *The Combustion Physics of Each Model* Session Speakers: **Wolfgang Hillebrandt**, Max-Planck-Institut für Astrophysik ✦ **Doron Kushnir**, Member, School of Natural Sciences ✦ **Alexei Poludnenko**, U.S. Naval Research Laboratory ✦ **Francis Timmes**, Arizona State University ✦ *Special Session 2014J* ✦ **Avishay Gal-Yam**, Weizmann Institute of Science ✦ Day 3 Morning Moderator: **Francis Timmes**, Arizona State University ✦ *Diversity and Bimodality* Session Speakers: **Ryan Foley**, Harvard-Smithsonian Center for Astrophysics ✦ **Saurabh Jha**, Rutgers, The State University of New Jersey ✦ **Peter Nugent**, University of California, Berkeley ✦ *Progenitor's Hunt* Session Speakers: **Carlos Badenes**, University of Pittsburgh ✦ **Eran Ofek**, Weizmann Institute of Science ✦ **Keníichi Nomoto**, The University of Tokyo ✦ Organizers: **Doron Kushnir**, Member, School of Natural Sciences ✦ **Boaz Katz**, Long-term Member, School of Natural Sciences ✦ **Avishay Gal-Yam**, Weizmann Institute of Science ✦ **Eran Ofek**, Weizmann Institute of Science ✦ **Francis Timmes**, Arizona State University

February 11

Astrophysics Seminar ✦ *On the Source of the Dust Extinction in Type Ia Supernovae* ✦ **Mark M. Phillips**, Las Campanas Observatory

February 14

Astrophysics Informal Seminar ✦ *Supernovae and Gamma-Ray Bursts* ✦ **Paolo Mazzali**, Astrophysics Research Institute, Liverpool John Moores University

February 18

Astrophysics Seminar ✦ *Driving the Dynamo via Magnetic Helicity Flux: How Differential Rotation Makes Large-Scale Magnetic Fields* ✦ **Ethan Vishniac**, University of Saskatchewan

February 20

Astrophysics Informal Seminar ✦ *Introducing Clustering Redshifts* ✦ **Brice Menard**, Johns Hopkins University

February 25

Astrophysics Seminar ✦ *Studying the Largest Objects in the Universe Undergoing the Most Energetic Collisions in the Universe with the World's Biggest (Moveable) Telescope* ✦ **Mark Devlin**, University of Pennsylvania

February 27

Astrophysics Informal Seminar ✦ *Small-Scale CMB Cosmology: ACT, Planck, and Beyond* ✦ **Renée Hlozek**, Princeton University

March 3

Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ✦ *Synergies between the Atacama Cosmology Telescope and Planck CMB Observations* ✦ **Erminia Calabrese**, University of Oxford

March 4

Astrophysics Seminar ✦ *Cosmology and Astrophysics with Galaxy Clusters* ✦ **Daisuke Nagai**, Yale University

March 6

Astrophysics Informal Seminar ✦ *Extremes of Compact Object Birth, from the Dimmest to the Super-Luminous* ✦ **Brian Metzger**, Columbia University

March 11

Astrophysics Seminar ✦ *Gamma-Ray Bursts: The Standard Model and Beyond* ✦ **Peter Mészáros**, The Pennsylvania State University

March 13

Astrophysics Informal Seminar ✦ *Firehose and Mirror Instabilities in a Collisionless Shearing Plasma* ✦ **Matthew Kunz**, Princeton University

March 18

Astrophysics Seminar ✦ *Measuring the Cosmic Distance Scale with SDSS-III* ✦ **Daniel Eisenstein**, Harvard University

March 20

Astrophysics Informal Seminar ✦ *Extracting Exoplanet Demographics from the Kepler Survey* ✦ **Tim Morton**, Princeton University

March 25

Astrophysics Seminar ✦ *IceCube's Neutrinos: A New Era in Neutrino and Cosmic-Ray Astrophysics* ✦ **Eli Waxman**, Weizmann Institute of Science

March 27

Astrophysics Informal Seminar ♦ *Discharging Black Holes in Massive Electrodynamics and Disappearing Black Holes in Massive Gravity* ♦ **Mehrdad Mirbabayi**, Member, School of Natural Sciences

March 31

Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ♦ *The Search for Relic Neutrinos* ♦ **Mariangela Lisanti**, Princeton University

April 1

Astrophysics Seminar ♦ *Lensing by Galaxies, Filaments, and Voids* ♦ **Bhuvnesh Jain**, University of Pennsylvania

April 3

Astrophysics Informal Seminar ♦ *Reexamining Astrophysical Constraints on the Dark Matter Model* ♦ **Alyson Brooks**, Rutgers, The State University of New Jersey

April 7

Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ♦ *Back to the 80s* ♦ **Matias Zaldarriaga**, Professor, School of Natural Sciences

April 8

Astrophysics Seminar ♦ *Galaxy Evolution and the Growth of Supermassive Black Holes* ♦ **Meg Urry**, Yale University

April 10

Astrophysics Informal Seminar ♦ *The Origin of Retrograde Hot Jupiters* ♦ **Smadar Naoz**, Harvard-Smithsonian Center for Astrophysics

April 14

Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ♦ *Primordial Power Spectrum Pre- and Post-BICEP* ♦ **Grigor Aslanyan**, The University of Auckland

April 15

Astrophysics Seminar ♦ *Observations of Star-Forming Galaxies in the Heart of the Reionization Era* ♦ **Richard Ellis**, California Institute of Technology

April 17

Astrophysics Informal Seminar ♦ *What We Can(not) Learn from Dark Matter Direct-Detection Experiments* ♦ **Vera Gluscevic**, Member, School of Natural Sciences

April 22

Astrophysics Seminar ♦ *The Vast Polar Structures around the Milky Way and Andromeda, and the Implications Thereof for Fundamental Physics* ♦ **Pavel Kroupa**, Helmholtz–Institut für Strahlen– und Kernphysik, Universität Bonn

April 24

Astrophysics Informal Seminar ♦ *Quantitative Predictions for Galaxy Formation* ♦ **Andrew Benson**, Carnegie Observatories, Carnegie Institution of Washington

April 28

Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ♦ *Cosmology Results from the Pan-STARRs Supernova Survey* ♦ **Dan Scolnic**, Johns Hopkins University and the University of Chicago

April 29

Astrophysics Seminar ♦ *Probing Cosmic Acceleration with the Dark Energy Survey* ♦ **Joshua A. Frieman**, Fermi National Accelerator Laboratory and the University of Chicago

May 1

Astrophysics Informal Seminar ♦ *500 Days on Mars: Initial Results from the Curiosity Rover Mission* ♦ **Kevin Lewis**, Princeton University

May 6

Astrophysics Seminar ♦ *Confirming and Constraining Kepler Planets via Transit Timing Variations* ♦ **Matt Holman**, Harvard-Smithsonian Center for Astrophysics

May 8

Astrophysics Informal Seminar ♦ *Signatures of Massive Galaxy Mergers at $z < 1$* ♦ **Sean T. McWilliams**, West Virginia University

May 12

Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ♦ *Origin of Probabilities and Their Application to the Multiverse: Toward a Resolution of Cosmological Measure Problems* ♦ **Andreas Albrecht**, University of California, Davis

May 13

Astrophysics Seminar ♦ *Quantum Information in Experiments: There and Back Again* ♦ **Shlomi Kotler**, National Institute of Standards and Technology, Boulder

May 15

Astrophysics Informal Seminar ♦ *Liquid Crystals of Stars and Black Holes at the Centers of Galaxies* ♦ **Bence Kocsis**, Member, School of Natural Sciences

June 2

Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ♦ *A Balloon-Borne Polarimeter for Cosmic Microwave Background Observation* ♦ **Sasha Rahlin**, Princeton University

June 16

Princeton University/Institute for Advanced Study Early Universe/Cosmology Lunch Discussion ♦ *Bayesian Inference for Radio Observations (BIRO)—Or, Facing What the CLEANers Sweep Under the Rug* ♦ **Michelle Lochner**, University of Cape Town and University College London

HIGH ENERGY THEORY ACTIVITIES

September 11

Informal High Energy Theory Seminar ♦ *The Local Callan-Symanzik Equation: Structure and Applications* ♦ **Boaz Keren-Zur**, École Polytechnique Fédérale de Lausanne

September 18

Physics Group Meeting ♦ *Large N Chern-Simons Theories with Fundamental Matter and Their Duals* ♦ **Shiraz Minwalla**, Tata Institute of Fundamental Research, Mumbai; Junior Visiting Professor, School of Natural Sciences

September 19

Future Colliders Seminar ♦ *Ask Not What A 100 TeV pp Collider Can Do for You, Ask What You Can Do for A 100 TeV pp Collider* ♦ **Nima Arkani-Hamed**, Professor, School of Natural Sciences

September 23

High Energy Theory Seminar ♦ *Topological Order and Long-Range Entanglement—Can Elementary Particles Emerge from Qubits?* ♦ **Xiao-Gang Wen**, Perimeter Institute for Theoretical Physics

September 24

Informal High Energy Theory Seminar ♦ *How Perturbative Field Theory Could Have Been Discovered in Einstein's Gravity* ♦ **Barak Kol**, Racah Institute of Physics

September 25

Physics Group Meeting ♦ *Bootstrapping the O(N) Vector Models* ♦ **David Simmons-Duffin**, Member, School of Natural Sciences

September 26

Future Colliders Seminar ♦ *Unbroken SU(2) at a 100 TeV Collider* ♦ **Anson Hook**, Member, School of Natural Sciences; **Andrey Katz**, Harvard University

October 2

Physics Group Meeting ♦ *The 4d Superconformal Bootstrap: Chiral Algebras in 4d Superconformal Field Theory (Part I)* ♦ **Leonardo Rastelli**, Stony Brook University, The State University of New York; Member, School of Natural Sciences

October 4

High Energy Theory Seminar ♦ *The 4d Superconformal Bootstrap: Chiral Algebras in 4d Superconformal Field Theory (Part II)* ♦ **Christopher Beem**, Member, School of Natural Sciences

October 7

High Energy Theory Seminar ◆ *Spacetime S-Matrix and Flux-Tube S-Matrix* ◆ **Pedro Vieira**, Perimeter Institute for Theoretical Physics

October 9

Informal Phenomenology Seminar ◆ *What's Wrong with Goldstone?* ◆ **Hitoshi Murayama**, Kavli Institute for the Physics and Mathematics of the Universe, The University of Tokyo

October 16

Physics Group Meeting ◆ *Scattering of Massless Particles: Scalars, Gluons, and Gravitons* ◆ **Song He**, Member, School of Natural Sciences

October 18

High Energy Theory Seminar ◆ *Amplitudes, Regulators, and the Elliptic Dilogarithm: Physics and Arithmetic of the Sunset Diagram in Two Dimensions* ◆ **Pierre Vanhove**, Institut des Hautes Études Scientifiques

October 21

High Energy Theory Seminar ◆ *Axion Detection with NMR* ◆ **Peter Graham**, Stanford University

October 23

Physics Group Meeting ◆ *Localization and Super Renyi Entropy* ◆ **Tatsuma Nishioka**, Member, School of Natural Sciences

October 28

High Energy Theory Seminar ◆ *The Geometry of the Quantum Hall Effect* ◆ **Dam Thanh Son**, The University of Chicago

October 29

High Energy Theory Seminar ◆ *Hilbert Series for the Coulomb Branch of N=4 Supersymmetric Gauge Theories in Three Dimensions* ◆ **Amihay Hanany**, Imperial College London

October 30

Physics Group Meeting ◆ *Global Properties of Supersymmetric Theories and the Lens Space* ◆ **Brian M. Willett**, Member, School of Natural Sciences

October 31

Supergravity Seminar ◆ *Ultraviolet Properties of Half-Maximal Supergravity* ◆ **Scott Davies**, University of California, Los Angeles

November 1

High Energy Theory Seminar ◆ *First Results from the LUX Dark Matter Experiment* ◆ **Daniel McKinsey**, Yale University

November 5

Physics Group Meeting ◆ *Discussion on State Dependence and Black Hole Interiors* ◆ **Group Discussion**

November 6

Physics Group Meeting ◆ *5d Super-Yang-Mills and 4d Non-Lagrangian Theories* ◆ **Kazuya Yonekura**, Member, School of Natural Sciences

November 8

High Energy Theory Seminar ◆ *Comments on Holographic Finite Density Matter* ◆ **Andrei Parnachev**, Universiteit Leiden

November 11

High Energy Theory Seminar ◆ *(0,2) Trialities* ◆ **Abhijit Gadde**, California Institute of Technology

November 14

Informal High Energy Theory Seminar ◆ *On Heavy Supersymmetry* ◆ **Timothy Cohen**, Stanford University

November 20

Physics Group Meeting ◆ *All You Ever Wanted to Know about LHC Experiments, but Were Afraid to Ask* ◆ **Raffaele Tito D'Agnolo**, Member, School of Natural Sciences

December 2

High Energy Theory Seminar ◆ *Higher Symmetry, Topological Quantum Field Theory, and Gapped Phases of Matter* ◆ **Anton Kapustin**, California Institute of Technology

December 4

Physics Group Meeting ◆ *Computing Three-Point Functions for Short Operators* ◆ **Till Bargheer**, Member, School of Natural Sciences

December 11

Physics Group Meeting ◆ *Split Dirac Supersymmetry and a Higgsino LSP* ◆ **Graham Kribs**, University of Oregon; Member, School of Natural Sciences

December 13

High Energy Theory Seminar ◆ *New Predictions for Dark Matter Direct-Detection Experiments* ◆ **Ben Safdi**, Princeton University

December 16

High Energy Theory Seminar ◆ *de Sitter Holography and Wavefunctionals* ◆ **Dionysios Anninos**, Stanford University

January 13

High Energy Theory Seminar ◆ *Covariant Map between RNS and Pure Spinor Superstring Formalisms* ◆ **Nathan Berkovits**, Universidade Estadual Paulista Júlio de Mesquita Filho, São Paulo

January 27

High Energy Theory Seminar ◆ *Cluster Polylogarithms for Scattering Amplitudes* ◆ **Marcus Spradlin**, Brown University

January 30

Future Colliders Seminar ◆ *Experimental Challenges at the Future Circular Colliders* ◆ **Marco Zanetti**, Massachusetts Institute of Technology

February 10

High Energy Theory Seminar ◆ *Lattice N=4 Super-Yang-Mills* ◆ **Joel Giedt**, Rensselaer Polytechnic Institute

February 12

Physics Group Meeting ◆ *Fuchsian Differential Equations for Feynman Integrals* ◆ **Johannes Henn**, Long-term Member, School of Natural Sciences

February 14

High Energy Theory Seminar ◆ *Anomaly-Induced Transport and Chiral Part Cardy Formula* ◆ **Loganayagam Ramalingam**, Member, School of Natural Sciences

February 20

School of Mathematics Cross–Disciplinary Informal Talks ◆ *A New Look at the Jones Polynomial of a Knot* ◆ **Edward Witten**, Charles Simonyi Professor, School of Natural Sciences

February 20

School of Mathematics Cross–Disciplinary Informal Talks ◆ *Duality and Emergent Gauge Symmetry* ◆ **Nathan Seiberg**, Professor, School of Natural Sciences

February 20

School of Mathematics Cross–Disciplinary Informal Talks ◆ *Emergent Geometry: The Duality Between Gravity and Quantum Field Theory* ◆ **Juan Maldacena**, Professor, School of Natural Sciences

February 24

High Energy Theory Seminar ◆ *Massive Gravity: A Status Report* ◆ **Rachel Rosen**, Columbia University

February 28

High Energy Theory Seminar ◆ *Conformal Field Theory and Quantized Spacetime* ◆ **Herman Verlinde**, Princeton University

March 5

Physics Group Meeting ◆ *Riemann-Hilbert Equations for Exact Planar Spectrum of N=4 SYM* ◆ **Vladimir Kazakov**, École Normale Supérieure, Paris; Member, School of Natural Sciences

March 17

High Energy Theory Seminar ◆ *Indirect Detection of Wino Dark Matter: Multichannel Detection Study* ◆ **Ilias Cholis**, Fermilab

March 19

Physics Group Meeting ◆ *Introduction to Local Quantum Physics* ◆ **Jürg Fröhlich**, Visiting Professor, School of Mathematics

March 26

Physics Group Meeting ✦ *3d N=2 from 4d N=4* ✦ **Masahito Yamazaki**, Member, School of Natural Sciences

March 28

High Energy Theory Seminar ✦ *Regge Theory: Old and New* ✦ **Simon Caron-Huot**, Niels Bohr Institute, University of Copenhagen; Member, School of Natural Sciences

March 31

High Energy Theory Seminar ✦ *Implications of Inflationary Gravity Waves for the QCD Axion* ✦ **Scott Thomas**, Rutgers, The State University of New Jersey

April 2

Physics Group Meeting ✦ *Causal Partitions in AdS/CFT* ✦ **Veronika Hubeny**, Durham University; Member, School of Natural Sciences

April 11

High Energy Theory Seminar ✦ *Effective Actions for Anomalous Hydrodynamics* ✦ **Mukund Rangamani**, Durham University; Member, School of Natural Sciences

April 14

High Energy Theory Seminar ✦ *BTZ/CFT* ✦ **Raman Sundrum**, University of Maryland

April 16

Physics Group Meeting ✦ *From the OPE to BFKL* ✦ **Amit Sever**, Member, School of Natural Sciences

April 23

Physics Group Meeting ✦ *Fractional Quantum Hall Effect in Graphene* ✦ **Ravindra Bhatt**, Princeton University; Member, School of Natural Sciences

April 25

High Energy Theory Seminar ✦ *Anomalies and the S-Matrix* ✦ **Yu-tin Huang**, Member, School of Natural Sciences

April 30

Physics Group Meeting ✦ *Gauge Theories and Quantum Integrability* ✦ **Vasily Pestun**, Member, School of Natural Sciences

May 7

Physics Group Meeting ✦ *"Total Cross-Sections" and a Froissart Bound in Conformal Field Theories* ✦ **Simon Caron-Huot**, Niels Bohr Institute, University of Copenhagen; Member, School of Natural Sciences

May 9

High Energy Theory Seminar ✦ *Naturalness after the First Run of the LHC* ✦ **Marco Farina**, Cornell University

May 14

Physics Group Meeting ✦ *Gravitational Waves and the Scale of Inflation* ✦ **Mehrdad Mirbabayi**, Member, School of Natural Sciences

May 21

Physics Group Meeting ✦ *Proof of a Quantum Bousso Bound* ✦ **Horacio Casini**, Centro Atómico Bariloche, Argentina

May 23

High Energy Theory Seminar ✦ *M2 Brane Junction and Four-Dimensional Line Operator* ✦ **Dan Xie**, Member, School of Natural Sciences

June 16–20

Prospects in Theoretical Physics: String Theory ✦ *The Amplituhedron* ✦ **Nima Arkani-Hamed**, Professor, School of Natural Sciences ✦ *Introduction to Higher Spin AdS/CFT* ✦ **Simone Giombi**, Princeton University ✦ *Applications of String Theory* ✦ **Steven Gubser**, Princeton University ✦ *O(N) Models, RG, and AdS/CFT* ✦ **Igor Klebanov**, Princeton University ✦ *Causality Constraints on Graviton Three-Point Amplitudes* ✦ **Juan Maldacena**, Professor, School of Natural Sciences ✦ *Topological String Theory* ✦ **Hirosi Ooguri**, California Institute of Technology ✦ *Self-Destructive Manifolds and the Cosmological Constant* ✦ **Alexander Polyakov**, Princeton University ✦ *Supersymmetric Quantum Field Theories* ✦ **Nathan Seiberg**, Professor, School of Natural Sciences ✦ *CFT/AdS and the Black Hole Interior* ✦ **Herman Verlinde**, Princeton University ✦ *String Compactification* ✦ **Martijn Wijnholt**, Ludwig-Maximilians-Universität München ✦ *The Gopakumar-Vafa Formula* ✦ **Edward Witten**, Charles Simonyi Professor, School of Natural Sciences

June 25

Strings 2014 Parallel Sessions: ✦ *Quantum Entanglement and Local Operators* ✦ **Tadashi Takayanagi**, Yukawa Institute for Theoretical Physics, Kyoto University; ✦ *Sphere Partition Functions, the Zamolodchikov Metric, and Surface Operators* ✦ **Jaume Gomis**, Perimeter Institute for Theoretical Physics ✦ *A Holographic Perspective on the Kibble-Zurek Mechanism* ✦ **Paul Chesler**, Harvard University ✦ *A Toy Model for the Kerr/CFT Correspondence* ✦ **Monica Guica**, University of Pennsylvania ✦ *Mock Modular Moonshine for M22 and M23* ✦ **Shamit Kachru**, Stanford University ✦ *Entanglement Negativity in Conformal Field Theory* ✦ **Erik Tonni**, Scuola Internazionale Superiore di Studi Avanzati, Trieste ✦ *RR Charge and Gamma Class* ✦ **Sungjay Lee**, The University of Chicago ✦ *Probing the Structure of Quantum Phases of Matter with Holography* ✦ **Sera Cremonini**, University of Cambridge and Texas A&M ✦ *BTZ/CFT* ✦ **Raman Sundrum**, University of Maryland ✦ *Singularities and Gauge Theory Phases* ✦ **Mboyo Esole**, Harvard University ✦ *Holographic Entanglement* ✦ **Veronika Hubeny**, Durham University ✦ *N=4 Scattering Amplitudes and the Regularized Grassmanian* ✦ **Matthias Staudacher**, Humboldt–Universität zu Berlin ✦ *String Theory of the Regge Intercept* ✦ **Simeon Hellerman**, Institute for the Physics and Mathematics of the Universe, Kashiwa, Japan ✦ *Recent Progress on the Abelian Sector of F-Theory* ✦ **Denis Klevers**, University of Pennsylvania ✦ *Toda CFT from Six Dimensions* ✦ **Clay Cordova**, Harvard University ✦ *State Dependent Operators and the Information Paradox* ✦ **Suvrat Raju**, Tata Institute of Fundamental Research, Mumbai ✦ *Amplitudes and the Scattering Equations, Proofs, and Polynomials* ✦ **Louise Dolan**, University of North Carolina, Chapel Hill ✦ *Higher-Rank Fields, Currents, and Higher Spin Holography* ✦ **Mikhail Vasiliev**, Lebedev Physical Institute of the Russian Academy of Sciences ✦ *Mordell-Weil Torsion and Matter Spectra in F-Theory* ✦ **Timo Weigand**, Heidelberg University ✦ *Monte Carlo Approach to String/M-Theory* ✦ **Masanori Hanada**, Kyoto University and Stanford University ✦ *Scattering Amplitudes at Strong Coupling beyond the Area Paradigm,* **Benjamin Basso**, École Normale Supérieure, Paris ✦ *The Exact Renormalization Group and Higher Spin Holography* ✦ **Rob Leigh**, University of Illinois at Urbana-Champaign ✦ *B-Modes and the Nature of Inflation* ✦ **Daniel Baumann**, University of Cambridge ✦ *Quantum Black Holes and Quantum Holography* ✦ **Atish Dabholkar**, Laboratoire de Physique Théorique et Hautes Energies, Universités Paris VI–VII ✦ *Four-Point Scattering from Amplituhedron* ✦ **Jaroslav Trnka**, California Institute of Technology ✦ *Meromorphic Functions and the Topology of Giants* ✦ **Jeff Murugan**, University of Cape Town ✦ *Moduli, a 0.1-1 keV Cosmic Axion Background, and the Galaxy Cluster Soft Excess* ✦ **Joseph Conlon**, University of Oxford

July 14

High Energy Theory Seminar ✦ *Effective String Theory Simplified* ✦ **Jonathan Maltz**, Stanford University

SIMONS CENTER FOR SYSTEMS BIOLOGY ACTIVITIES

July 2

The Simons Center for Systems Biology Seminar ✦ *p53 and Control of Epigenetic Silencing of Mammalian "Repeatome"* ✦ **Andrei V. Gudkov**, Roswell Park Cancer Institute

July 3

The Simons Center for Systems Biology Seminar ✦ *Understanding the Genetic Etiologies of Complex Diseases through Variants with Large Effects* ✦ **Teng Ting Lim**, Harvard University

July 3

The Simons Center for Systems Biology Seminar ✦ *Polygenic Inheritance Elucidates Genetic Architecture of Common Traits and Diseases* ✦ **Ying Leong Chan**, Harvard University

October 1–3

Visit by Erez Braun of Technion–Israel Institute of Technology

October 30

The Simons Center for Systems Biology Informal Talks on Abstract/Conceptual/Quantitative Aspects of Biology ✦ **Sergio Lukic**, Member, School of Natural Sciences

November 1

The Simons Center for Systems Biology Seminars ✦ *Using Sequences to Understand Proteins* ✦ **Lucy Colwell**, Member, School of Natural Sciences ✦ *Forces on Viral Evolution* ✦ **Benjamin Greenbaum**, Mount Sinai School of Medicine ✦ *Geometry and Dimension in Living Information Systems* ✦ **Tsvi Tlusty**, Member, School of Natural Sciences

November 13

Rockefeller Group Visit ✦ *The CRISPR System of Bacteria* ✦ **Luciano Marraffini**, The Rockefeller University ✦ *Modelling Heritability* ✦ **Olivier Rivoire**, CNRS and Université Joseph Fourier

November 22–December 2

Visit by Arvind Murugan of Harvard University

December 5–7

Visit by Asaf Gal of Technion–Israel Institute of Technology

December 9

The Simons Center for Systems Biology Seminar ✦ *TRAIN: p53, along with DNA Methylation & Interferon Response, Maintains the Control of Repeats* ✦ **Katya Leonova**, Roswell Park Cancer Institute

December 10

New Jersey Technology Council Life Science and Technology Meeting ✦ *"Immune Profiling"—Advanced Sequencing Technologies in Breakthrough Diagnostics and Disease Monitoring* ✦ **Harlan Robins**, Fred Hutchinson Cancer Research Center

The Simons Center for Systems Biology Seminar ✦ *Dynamical Effects in Development of Drosophila Embryo* ✦ **Dimitri Krotov**, Princeton University

The Simons Center for Systems Biology Seminar ✦ *A System Architecture for Learning Robots* ✦ **Adam Haber**, University of New South Wales

December 17

The Simons Center for Systems Biology Talks on Abstract/Conceptual/Quantitative Aspects of Biology ✦ **Jonathan Dworkin**, Columbia University

December 18

Rockefeller Group Visit ✦ *The Fly Olfactory System* ✦ **Vanessa Ruta**, The Rockefeller University ✦ *Correlated Evolution of Protein Residues* ✦ **Tiberiu Tesileanu**, Member, School of Natural Sciences

January 8

The Simons Center for Systems Biology Seminar ✦ *Genetic Methods for Measuring the Composition of Bacterial Communities* ✦ **Mikhail Tikhonov**, Princeton University

January 15

Rockefeller Group Visit ✦ *The Social Behavior of Ants* ✦ **Daniel Kronauer**, The Rockefeller University

January 30

The Simons Center for Systems Biology Talks on Abstract/Conceptual/Quantitative Aspects of Biology ✦ *Neutral Networks, Power Grids, and Coarse-Grained Models of DNA* ✦ **Petr Sulc**, University of Oxford

January 31

Joint Lab Meeting with Paul Steinhardt, Princeton University ✦ *Geometry and Dimension in Living Information Systems* ✦ **Tsvi Tlusty**, Member, School of Natural Sciences ✦ *Forces on Viral Evolution* ✦ **Benjamin Greenbaum**, Icahn School of Medicine at Mount Sinai

February 19

Rockefeller Group Visit ✦ *The Memory and Decision-Making of Flies* ✦ **Gaby Maimon**, The Rockefeller University ✦ *Low-Dimensional Approximation of Microbial Behavior, and Heritability and Life-Stages of Behavior* ✦ **David Jordan**, The Rockefeller University

March 5

Rockefeller Group Visit ✦ *A New Perspective on Tolerance to Antibiotics* and *A Dynamical View of Mammalian Cell Interdivision Time* ✦ **Nathalie Questembert-Balaban**, The Hebrew University of Jerusalem ✦ *Scheduling Self-Replication* ✦ **Rami Pugatch**, Member, School of Natural Sciences

March 28

The Simons Center for Systems Biology panNET Meeting ✦ *iPS Models of Pancreatic Cancer* ✦ **Ken Zaret**, University of Pennsylvania ✦ *Global Gene-Expression Analysis of Pancreatic Neuroendocrine Tumors* ✦ **Chang Chan**, Rutgers Cancer Institute of New Jersey ✦ *Complement and Metastasis of Pancreatic Neuroendocrine Tumors* ✦ **Chris Harris**, Verto Institute

April 9

The Simons Center for Systems Biology Informal Talks on Abstract/Conceptual/Quantitative Aspects of Biology ✦ **William Jacobs**, University of Cambridge

April 16

Rockefeller Group Visit ✦ *Temporal Aspects of Olfactory Coding* ✦ **Dmitry Rinberg**, New York University ✦ *Developmental Plasticity* ✦ **Shay Stern**, The Rockefeller University

April 29

Governor's Conference on Effective Partnering in Cancer Research ✦ *Lgr5 Stem Cells in Self-Renewal and Cancer* ✦ **Hans Clevers**, Hubrecht Institute ✦ *Pancreatic Cancer Organoids Resolve Fundamental Questions and Identify Therapies* ✦ **David Tuveson**, Cold Spring Harbor Laboratory ✦ *Mobilizing the Immune System against Cancer* ✦ **Suzanne L. Topalian**, Johns Hopkins University School of Medicine ✦ *The Changing Paradigm of Clinical Drug Development* ✦ **Patricia M. LoRusso**, Barbara Ann Karmanos Cancer Institute ✦ *Uncovering the Evolutionary History of Tumors through the Analysis of Their Genome* ✦ **Raul Rabadan**, Columbia University College of Physicians and Surgeons ✦ *TP53 Mutations: from Gene to Public Health* ✦ **Pierre Hainaut**, Université de Grenoble

May 14

Rockefeller Group Visit ✦ *Collective Gliding Mobility of* Myxococcus Xanthus ✦ *Postural Dynamics of Walking* Drosophila ✦ **Joshua W. Shaevitz**, Princeton University ✦ *Why Do Simple Models Work?* ✦ **Benjamin Machta**, Princeton University

School of Social Science

September 26

Social Science Thursday Lunch Seminar ✦ *The Re-Enchantment of Deep Time: Lady Mungo's Questions for History and Science* ✦ **Ann McGrath**, The Australian National University; Member, School of Social Science

September 27

Ethnography and Theory Reading Group ✦ Organizational Meeting

September 30

Unthematic Seminar Reading Group ✦ Organizational Meeting

Guest Lecture ✦ *The Future of a Very Old Name?* ✦ **François Hartog**, École des Hautes Études en Sciences Sociales, Paris

October 2

Environmental Turn and the Human Sciences Seminar ✦ Organizational Meeting

October 3

Social Science Thursday Lunch Seminar ✦ *Sexualism: On Secularization and Gender Equality* ✦ **Joan Wallach Scott**, Harold F. Linder Professor, School of Social Science

October 10

Social Science Thursday Lunch Seminar ✦ *Religion after the State: The Creation of a Muslim Minority in South Sudan* ✦ **Noah Salomon**, Carleton College; Member, School of Social Science

October 11

Ethnography and Theory Reading Group ✦ **Nikhil Anand**, University of Minnesota; Member, School of Social Science, and **Omar Dewachi**, American University of Beirut; Visitor, School of Social Science

October 16

Environmental Turn and the Human Sciences Seminar ⬧ Discussion of readings by Dipesh Chakrabarty, Stephen H. Schneider, and Will Steffen

October 17

Social Science Thursday Lunch Seminar ⬧ *Where the Wild Things Aren't: City Zoos and the Culture of Nature* ⬧ **David I. Grazian**, University of Pennsylvania; Member, School of Social Science

October 23

Unthematic Seminar Reading Group ⬧ **Kim Lane Scheppele**, Princeton University; Joint Member, School of Social Science and School of Historical Studies

October 24

Social Science Thursday Lunch Seminar ⬧ *Space, Place, Position, Location* ⬧ **Wendy Griswold**, Northwestern University; Member, School of Social Science

October 30

Environmental Turn and the Human Sciences Seminar ⬧ Discussion of readings by Ian Baucom, Richard White, Joseph P. Masco, The University of Chicago; Member, School of Social Science, and Sverker Sörlin, KTH Royal Institute of Technology, Stockholm; Member, School of Social Science

October 31

Social Science Thursday Lunch Seminar ⬧ *Dead as Dirt: Environmental History and the Human Corpse* ⬧ **Ellen Stroud**, Bryn Mawr College; Member, School of Social Science

November 1

Ethnography and Theory Reading Group ⬧ **Joseph D. Hankins**, University of California, San Diego; Member, School of Social Science, and **Manuela Lavinas Picq**, Universidad San Francisco de Quito; Member, School of Social Science

November 7

Social Science Thursday Lunch Seminar ⬧ *Is Development in Africa Impossible? Pharmaceutical Manufacturing in Kenya, Uganda, and Tanzania* ⬧ **Nitsan Chorev**, Brown University; Member, School of Social Science

November 11

Unthematic Seminar Reading Group ⬧ Discussion of reading by Joseph D. Hankins, University of California, San Diego; Member, School of Social Science

November 13

Environmental Turn and the Human Sciences Seminar ⬧ Discussion of readings by Nikhil Anand, University of Minnesota; Member, School of Social Science, and Joseph D. Hankins, University of California, San Diego; Member, School of Social Science

November 14

Social Science Thursday Lunch Seminar ⬧ *The Formation of Environmental Expertise: Before and After 1948* ⬧ **Sverker Sörlin**, KTH Royal Institute of Technology, Stockholm; Member, School of Social Science

November 21

Social Science Thursday Lunch Seminar ⬧ *The Problem of Emergence* ⬧ **John F. Padgett**, The University of Chicago; Member, School of Social Science

November 25

Unthematic Seminar Reading Group ⬧ **Henning Trüper**, Centre de Recherches Historiques, École des Hautes Études en Sciences Sociales, Paris; Member, School of Social Science

December 4

Environmental Turn and the Human Sciences Seminar ⬧ Discussion of readings by Manuela Lavinas Picq, Universidad San Francisco de Quito; Member, School of Social Science, and Ellen Stroud, Bryn Mawr College; Member, School of Social Science

December 5

Social Science Thursday Lunch Seminar ⬧ *Counter-Constitutions: Potencies and Potentials of a Relic* ⬧ **Kim Lane Scheppele**, Princeton University; Joint Member, School of Social Science and School of Historical Studies

December 6

Ethnography and Theory Reading Group ⬧ Discussion of readings by David I. Grazian, University of Pennsylvania; Member, School of Social Science, and Elizabeth Anne Davis, Princeton University; Member, School of Social Science

December 11

Environmental Turn and the Human Sciences Seminar ⬧ Discussion of readings by Dale Jamieson, New York University; Member, School of Social Science, and Richard York, University of Oregon; Member, School of Social Science

December 12

Social Science Thursday Lunch Seminar ⬧ *Orientalism as a "Philology of the Real": On the Objects of Semitic Studies, ca. 1860–1930* ⬧ **Henning Trüper**, Centre de Recherches Historiques, École des Hautes Études en Sciences Sociales, Paris; Member, School of Social Science

January 13

Unthematic Seminar Reading Group ⬧ Discussion of reading by Yvonne Chiu, The University of Hong Kong; Member, School of Social Science

January 16

Social Science Thursday Lunch Seminar ⬧ *Saving Distant Strangers* ⬧ **Jeffrey Flynn**, Fordham University; Member, School of Social Science

January 17

Unthematic Seminar Reading Group ⬧ **Elizabeth Popp Berman**, University at Albany, State University of New York; Member, School of Social Science

January 22

Environmental Turn and the Human Sciences Seminar ⬧ Discussion of reading by Wendy Griswold, Northwestern University; Member, School of Social Science

January 23

Social Science Thursday Lunch Seminar ⬧ *Secrecy and Evidence in the Cyprus Conflict: Bones, Films, Theories* ⬧ **Elizabeth Anne Davis**, Princeton University; Member, School of Social Science

January 30

Social Science Thursday Lunch Seminar ⬧ *Elections, Uncertainty, and Economic Outcomes* ⬧ **Brandice Canes-Wrone**, Princeton University; Member, School of Social Science

February 6

Social Science Thursday Lunch Seminar ⬧ *Infrastructures of Commitment: Biopolitics and the State of Water Pipes in Mumbai* ⬧ **Nikhil Anand**, University of Minnesota; Member, School of Social Science

February 11

Unthematic Seminar Reading Group ⬧ Discussion of readings by Angel Adams Parham, Loyola University, and Danielle Allen, UPS Foundation Professor, School of Social Science

February 19

Environmental Turn and the Human Sciences Seminar ⬧ Discussion of readings by David I. Grazian, University of Pennsylvania; Member, School of Social Science, and Joseph P. Masco, The University of Chicago; Member, School of Social Science

February 20

Social Science Thursday Lunch Seminar ⬧ *Whose Time is It? A Global History of Unifying Clocks, Calendars, and Social Times, 1870s–1940s* ⬧ **Vanessa Ogle**, University of Pennsylvania; Member, School of Social Science

February 26

Unthematic Seminar Reading Group ⬧ **Cristina Beltrán**, New York University; Member, School of Social Science

February 27

Social Science Thursday Lunch Seminar ✦ *Conspiring with the Enemy: The Ethics of Cooperation in Warfare* ✦ **Yvonne Chiu**, The University of Hong Kong; Member, School of Social Science

March 5

Environmental Turn and the Human Sciences Seminar ✦ Discussion of readings by Mark Greif, The New School; Member, School of Social Science, and Sverker Sörlin, KTH Royal Institute of Technology, Stockholm; Member, School of Social Science

March 6

Social Science Thursday Lunch Seminar ✦ *Race, Representation, and Right-Wing Aesthetics* ✦ **Cristina Beltrán**, New York University; Member, School of Social Science

March 7

Ethnography and Theory Reading Group ✦ Discussion of readings by Elizabeth Anne Davis, Princeton University; Member, School of Social Science, and Didier Fassin, James D. Wolfensohn Professor, School of Social Science

March 10

Unthematic Seminar Reading Group ✦ **Noah Salomon**, Carleton College; Member, School of Social Science

March 13

Social Science Thursday Lunch Seminar ✦ *Fossil Fuel Use and the Displacement Paradox* ✦ **Richard York**, University of Oregon; Member, School of Social Science

March 19

Environmental Turn and the Human Sciences Seminar ✦ Discussion of readings by Naomi Oreskes and Erik M. Conway, Aaron M. McCright and Riley E. Dunlap, and Myanna Lahsen

March 25

Unthematic Seminar Reading Group ✦ **Jeffrey Flynn**, Fordham University; Member, School of Social Science

March 27

Social Science Thursday Lunch Seminar ✦ *Is Moral Status Self-Extending?* ✦ **Mark Greif**, The New School; Member, School of Social Science

April 2

Environmental Turn and the Human Sciences Seminar ✦ Discussion of readings by Anna Lowenhaupt Tsing and Mario Diani

April 3

Social Science Thursday Lunch Seminar ✦ *What Kind of a (Social) Science is Economics?* ✦ **Dani Rodrik**, Albert O. Hirschman Professor, School of Social Science

April 10

Social Science Thursday Lunch Seminar ✦ *Thinking Like an Economist: On Expertise and the U.S. Policy Process* ✦ **Elizabeth Popp Berman**, University at Albany, State University of New York; Member, School of Social Science

April 11

Ethnography and Theory Reading Group ✦ Discussion of readings by Nitsan Chorev, Brown University; Member, School of Social Science and Jeffrey Flynn, Fordham University; Member, School of Social Science

April 15

Unthematic Seminar Reading Group ✦ **Yvonne Chiu**, The University of Hong Kong; Member, School of Social Science

April 16

Environmental Turn and the Human Sciences Seminar ✦ Discussion of readings by Didier Fassin, James D. Wolfensohn Professor, School of Social Science, and Nikhil Anand, University of Minnesota; Member, School of Social Science

April 17

Social Science Thursday Lunch Seminar ✦ *For Love and Money: The Disposition of Anthropology's Sympathetic Imagination* ✦ **Joseph D. Hankins**, University of California, San Diego; Member, School of Social Science

April 24

Social Science Thursday Lunch Seminar ✦ *Cosmopolitan Amazons: Disentangling Modernity from the State* ✦ **Manuela Lavinas Picq**, Universidad San Francisco de Quito; Member, School of Social Science

May 1

Social Science Thursday Lunch Seminar ✦ *Love in the Anthropocene* ✦ **Dale Jamieson**, New York University; Member, School of Social Science (joint work with Bonnie Nadzam)

Ethnography and Theory Reading Group ✦ Discussion of readings by Sverker Sörlin, KTH Royal Institute of Technology, Stockholm; Member, School of Social Science, and Joseph P. Masco, The University of Chicago; Member, School of Social Science

May 5–7

Ethnography and Policing Workshop ✦ Organized by **Didier Fassin**, James D. Wolfensohn Professor, School of Social Science

May 7

Environmental Turn and the Human Sciences Seminar ✦ Discussion of readings by Joseph P. Masco, The University of Chicago; Member, School of Social Science, and Ann McGrath, The Australian National University; Member, School of Social Science

May 8

Social Science Thursday Lunch Seminar ✦ *Six Ways of Looking at the Anthropocene* ✦ **Joseph P. Masco**, The University of Chicago; Member, School of Social Science

May 20

Unthematic Seminar Reading Group ✦ **Brandice Canes-Wrone**, Princeton University; Member, School of Social Science

May 27–28

Public Ethnography Workshop ✦ Organized by **Didier Fassin**, James D. Wolfensohn Professor, School of Social Science

Director's Office Events

September 23

Institute Welcome Reception

September 27–28

Dreams of Earth and Sky, A Celebration for Freeman Dyson in Honor of His Ninetieth Birthday and Sixtieth Year at the Institute for Advanced Study

September 29

AMIAS Family Barbecue

October 11–12

Edward T. Cone Concert Series ✦ *Sight and Sound* ✦ **Cassatt String Quartet: Muneko Otari**, violin; **Jennifer Leshnower**, violin; **Sarah Adams**, viola; and **Nicole Johnson**, cello

Edward T. Cone Concert Series Talk ✦ **Muneko Otari**, **Jennifer Leshnower**, **Sarah Adams**, **Nicole Johnson**, and **Sebastian Currier**, Artist-in-Residence

October 18

Public Policy Lecture ✦ *What Rules Should Govern Drones and the Broader "War" on Terror* ✦ **Ken Roth**, Executive Director, Human Rights Watch

October 20

Princeton Symphony Orchestra Concert ✦ *American Brass* ✦ **Jerry Bryant**, trumpet; **Donald Batchelder**, trumpet; **Judy-Yin-Chi Lee**, horn; **Vernon Post**, trombone; and **Andrew Bove**, tuba

October 25

Public Lecture ✦ *The Past, Present, and Future of Economic Convergence* ✦ **Dani Rodrik**, Albert O. Hirschman Professor, School of Social Science

October 30

Friends Forum ✦ *Ellsworth Kelly's Dream of Anonymity* ✦ **Yve-Alain Bois**, Professor, School of Historical Studies

November 8

AMIAS Lecture ⬥ *Age of Networks* ⬥ **Jennifer Chayes**, Managing Director of Microsoft Research New England and New York City

AMIAS Lecture ⬥ *How Should We Think About Freedom?* ⬥ **Quentin Skinner**, Barber Beaumont Professor of the Humanities, Queen Mary, University of London

November 10

Princeton Symphony Orchestra Concert ⬥ *Baroque and Blue* ⬥ **Chelsea Knox**, flute; **Renate Rohlfing**, piano

November 13

Public Lecture ⬥ *Rethinking Barbarian Invasions Through Genomic History* ⬥ **Patrick J. Geary**, Professor, School of Historical Studies

November 15

Friends Culture and Cuisine ⬥ *The Rise and Fall of French Cuisine in the United States* ⬥ **Paul Freedman**, Chester D. Tripp Professor of History, Yale University

November 16

Science for Families ⬥ *The Smallest Particles* ⬥ **Robbert Dijkgraaf**, Director and Leon Levy Professor, Institute for Advanced Study

November 19

Artists Present ⬥ *Life Forms* ⬥ **Judy Fox**, Sculptor

November 20

Friends Fireside Chat ⬥ *The Business Case for Diversity* ⬥ **Luke Visconti**, C.E.O., DiversityInc

November 22–23

Edward T. Cone Concert Series ⬥ *Musical Geographies* ⬥ **Lara St. John**, violin; **Martin Kennedy**, piano

Edward T. Cone Concert Series Talk ⬥ **Lara St. John**, **Martin Kennedy**, and **Sebastian Currier**, Artist-in-Residence

December 4

Public Lecture ⬥ *What's Next?* ⬥ **Nathan Seiberg**, Professor, School of Natural Sciences

December 9

Art History Lecture ⬥ *Orientations in Renaissance Art* ⬥ **Alexander Nagel**, Professor of Fine Arts, New York University

December 11

Friends Forum ⬥ *Looking Beyond Technological Fixes: A Sociological Perspective on Climate Change* ⬥ **Richard York**, Friends of the Institute Member, School of Social Science

December 16

Children's Holiday Party

December 20

Institute Community Holiday Party

January 11

Princeton Symphony Orchestra BRAVO! Family Concert ⬥ *Strings*

January 27

Term II Member Welcome Dinner

January 28

Artists Present ⬥ *The Brothers Vonnegut* ⬥ **Ginger Strand**, Writer

February 4

Art History Lecture ⬥ *Malevich's Nervous System* ⬥ **Briony Fer**, History of Art Professor, University College London

February 7–8

Edward T. Cone Concert Series ⬥ *The Brahms-Ligeti Connection* ⬥ **Nunc Ensemble: Miranda Cuckson**, violin; **Michael Atkinson**, horn; **Blair McMillen**, piano

Edward T. Cone Concert Series Talk ⬥ *The Brahms-Ligeti Connection* ⬥ **Miranda Cuckson**, violin; **Michael Atkinson**, horn; **Blair McMillen**, piano; **Sebastian Currier**, Artist-in-Residence

February 22

Midwinter Party for Faculty, Members, and Staff

February 24

Art History Lecture ⬥ *Paul Klee, Wilhelm Hausenstein, and the "Problem of Style"* ⬥ **Charles Mark Haxthausen**, Robert Sterling Clark Professor of Art History, Williams College

February 26

Friends Forum ⬥ *Music and Image* ⬥ **Sebastian Currier**, Artist-in-Residence

March 9

Princeton Symphony Orchestra Concert ⬥ **Roomful of Teeth Vocal Ensemble**

March 12

S. T. Lee Public Lecture ⬥ *After Syria: The Future of the Responsibility to Protect* ⬥ **Gareth Evans**, Chancellor of the Australian National University and former Foreign Minister of Australia

March 25

Artists Present ⬥ *Seeing the Unseen: Films on Death, Decay, and Sex* ⬥ **Pawel Wojtasik**, Filmmaker

March 26

Public Lecture ⬥ *Univalent Foundations: New Foundations in Mathematics* ⬥ **Vladimir Voevodsky**, Professor, School of Mathematics

March 31

S. T. Lee Public Lecture ⬥ *Maiden Voyage: The Senzaimaru and the Creating of Modern Sino-Japanese Relations* ⬥ **Joshua A. Fogel**, Professor, York University

April 5

American Repertory Ballet ⬥ *Family Program*

April 11

Friends Culture and Cuisine ⬥ *Food of Life: Ancient Persian and Modern Iranian Cooking and Ceremonies* ⬥ **Najmieh Batmanglij**, Iranian-American Chef and Author

April 15

Art History Lecture ⬥ *Neither Breakthrough nor Breakdown* ⬥ **Aden Kumler**, Associate Professor of Art History, The University of Chicago

April 16

Friends Forum ⬥ *The Moral Challenge to Europe* ⬥ **Kim Lane Scheppele**, Joint Member, School of Historical Studies and School of Social Science

April 26

Science for Families ⬥ *Stars and Supernovae* ⬥ **Boaz Katz**, Member, School of Natural Sciences

April 30

AMIAS End of Term Social

May 2

Public Lecture ⬥ *Climate, Conflict, and Historical Method* ⬥ **Nicola Di Cosmo**, Luce Foundation Professor, School of Historical Studies

May 9

AMIAS Public Lecture ⬥ *(dis)honesty* ⬥ **Dan Ariely**, James B. Duke Professor of Psychology and Behavioral Economics, Duke University

May 28

Friends Annual Meeting and Picnic

May 30

Staff Picnic