

AR Colloquium Summer School – Participants

Christine Albano



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Desert Research Institute
Reno, NV, USA

- AR impacts in the Western US
- AR influence on vegetation productivity and fire patterns
- AR precip. and its partitioning into different components of the hydrologic budget
- climate stress test scenarios

Olusola Ayantobo



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Tsinghua University
Beijing China

- Hydrology and Water Resources Management
- Spatial variability of climate and extreme weather events
- Climate Change and Drought Frequency Analysis

Christoph Boehm



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University of Cologne
Cologne, Germany

- atmospheric moisture supply to the Atacama desert, Chile
- satellite remote sensing
- hydrological cycle

Deveshi Buch



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Vista del Lago High School
Folsom, CA, USA

- AR climatology and dynamics

Ana Caldeirinha



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University of Lisbon
Lisbon, Portugal

- Atmospheric moisture transport
- Land-atmosphere-ocean interactions
- Climate change

Will Chapman



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CW3E, La Jolla, CA, USA

- atmospheric modes
- quantification of sea surface forced vs. internal derived atmospheric signals
- predictability of extreme events

Anastasiia Chyhareva



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Ukrainian Hydrometeorological Institute, Kyiv, Ukraine

- Climate change in the Antarctic Peninsula region
- climate modeling
- atmosphere models

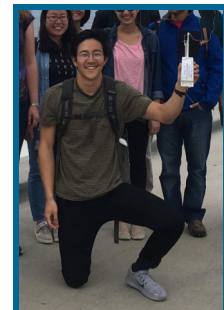
Tomas Gomez



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University of Chile

- Water Cycle
- Hydrological Modelling and forecast
- Hydrometeorology

Sol Kim



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University of California
Berkeley, CA, USA

- AR clusters and machine learning for prediction
- water quality remote sensing

AR Colloquium Summer School – Participants

Dhana Lakshmi Douluri



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Indian Institute of Technology
Kharagpur, India

- modeling of extreme weather events
- numerical weather prediction

Melanie Lauer



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Cologne, Germany

- Arctic Amplification
- Polar regions

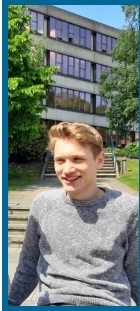
Tyler Leicht



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SUNY Albany
Albany, NY, USA

- formation, persistence and dissipation of persistent ridges in the North Pacific (dynamics and thermodynamics)
- categorizing different classes of ridges

Alexander Lojko



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Norwich, UK

- Using numerical models to study thunderstorm dynamics and associated phenomena such as excess precipitation

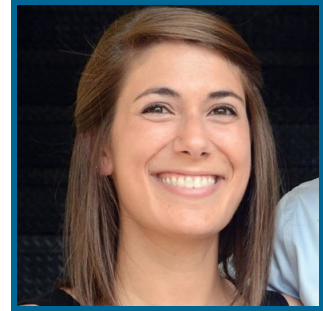
Diogo Luis



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University of Aveiro
Aveiro, Portugal

- ARs
- hydrological cycle
- Antarctica/Southern Ocean

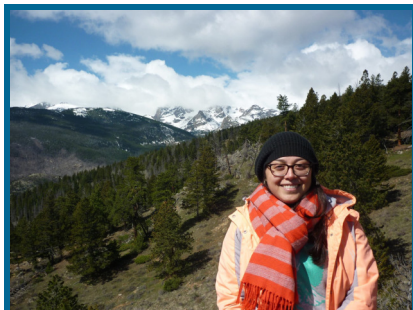
Allison Michaelis



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- Mesoscale frontal waves and AR dynamics
- Climate change effects on impactful weather phenomena (e.g., ARs, TCs, etc.)

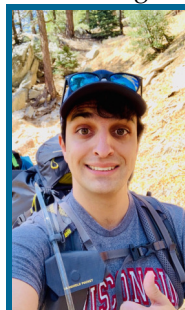
Annareli Morales



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University of Michigan
Ann Arbor, MI, USA

- effects of microphysical parameters and environmental conditions on orographic precipitation within flow characteristic of an AR.

Terence Pagano



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Madison, WI, USA

- extreme surface winds associated with AR events
- remote sensing
- isotopic analysis of ARs

Shawn Roj



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Reno, NV, USA

- West Coast climate variability
- AR impacts on California watersheds and AR frequency changes
- El Niño impacts along the West Coast

AR Colloquium Summer School – Participants

Eric Shearer



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University of California
Irvine, CA, USA

- AR tracking and predictions
- Satellite-based precip. estimation & eval. in extreme storms
- Climate extremes-related natural hazards

Tamara Shulgina



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CW3E, La Jolla, CA, USA

- Methodology for AR identification on regional scales
- Climatology and seasonal AR predictability and related precip. in western North America
- natural and anthropogenic sources of AR predictability

Emily Slinsky



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Portland State University
Portland, OR, USA

- synoptic-scale dynamics that drive AR-fed precip. across the continental US
- variability of precip. extremes and associated large-scale atmospheric dynamics

Pedro Sousa

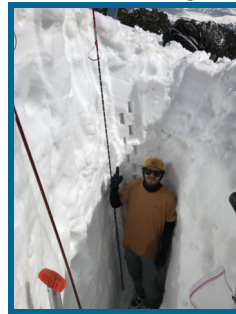


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University of Lisbon
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- Climate Dynamics
- Extreme Events
- Climate Change

Timbo Stillinger

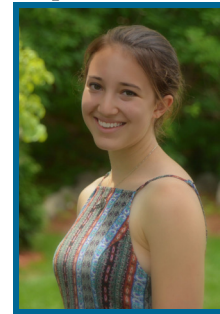


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University of California
Santa Barbara, CA, USA

- Optical properties of water and remote sensing of snow
- Economic cost of error in snowmelt runoff forecasts

Sophie Uluatam



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Cornell University
Ithaca, NY, USA

- application of AR detection algorithms to identification of aerosol rivers
- aerosol river tracking algorithms

Carolina Viceto



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University of Aveiro
Aveiro, Portugal

- AR in the Arctic
- intense precipitation events

Jonathan Wille



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University Grenoble Alps
Grenoble, France

- large scale atmos. circulation patterns around Antarctica
- impacts of ARs on the Antarctic surface mass balance