

2nd China-Europe Solar Physics Meeting (CESPM 2019) programme

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Sunday, 5th May 2019

18:00 19:00 Registration

Monday, 6th May 2019

08:00 09:00 Registration

Session 1 (Chair: Eduard Kontar)

09:00 09:45 Opening words

Katja Vučetić (welcome from town of Hvar), Cheng Fang (Summary 1st CESPM 2017),
Eduard Kontar (CESPM 2019 Objectives/Motivation), Bojan Vršnak & Jaša Čalogović (Information from LOC)
[Ground- and space-based solar instruments in Europe](#)
[Ground- and space-based solar instruments in China](#)

09:45 10:15 Sami Solanki Invited talk

10:15 10:45 Weiqun Gan Invited talk

10:45 11:15 Coffee break

Session 2 (Chair: Cheng Fang)

11:15 11:45 Huaning Wang Invited talk (IT1.1)

[Prediction of solar cycle 25: progress and challenges](#)

11:45 12:00 Melinda Nagy oral (O1.1)

[How 'rogue' active region emergences affect the variation of the Solar Cycle?](#)

12:00 12:15 Qi Hao oral (O1.2)

[Statistical Analysis of Filament Features during Solar Cycles 20–24 by Computer Automated Detection Method](#)

12:15 15:00 Lunch break

Session 3 (Chair: Huaning Wang)

15:00 15:15 Olena Podladchikova oral (O1.3)

[Automated EUV Wave Catalogue For Solar Cycle 23 And 24: EUV Global Wave Rotation Sense Follows Hale Magnetic Cycle](#)

15:15 15:30 Shangbin Yang oral (O1.4)

[Magnetic helicity butterfly diagram of solar cycles: breaking the symmetry and braking the activity](#)

15:30 16:00 Peng-Fei Chen Invited talk (IT2.1)

[Formation, Dynamics, and Magnetic Configurations of Solar Filaments](#)

16:00 16:15 Zhongquan Qu oral (O2.1)

[FASOT, an instrument to reveal the magnetic coupling between solar photosphere and chromosphere](#)

16:15 16:30 Yang Su oral (O2.2)

[New results from the DEM diagnostic of solar coronal structures](#)

16:30 17:00 Coffee break

Poster session 1

17:00 18:30 Posters from topics 1-3

19:00 Welcome reception

Tuesday, 7th May 2019

Session 4 (Chair: Brigitte Schmieder)

09:00 09:30 Elena Khomenko invited talk (IT2.2)

[Simulations of partially ionised chromosphere: progress and challenge](#)

09:30 09:45 Robertus Erdelyi oral (O2.3)

[Vortices in the Lower Solar Atmosphere - Automated Swirl Detection Algorithm \(ASDA\)](#)

09:45 10:00 Iain Hannah oral (O2.4)

[Small X-ray flares/brightenings in active regions and the quiet Sun](#)

10:00 10:15 Jie Hong oral (O2.5)

[Ellerman bombs: Observations and Simulations](#)

10:15 10:30 Chris Nelson oral (O2.6)

[Heating Driven By The Release Of Magnetic Twist In The Solar Corona](#)

10:30 11:00 Coffee break

Session 5 (Chair: Li Feng)

11:00	11:15	Hardi Peter	oral (02.7)	Hot and cool structures in active region cores running in parallel
11:15	11:30	Guiping Ruan	oral (02.8)	Bi-directional plasma jet observed in an active region
11:30	11:45	Daniel Nobrega-Siverio	oral (02.9)	An updated vision of solar surges
11:45	12:00	Shao-Xia Chen	oral (03.9)	Damping of Slow Surface Sausage Modes in Photospheric Waveguides
12:00	12:15	Marcel Goossens	oral (03.10)	Mixed properties of MHD waves in non-uniform plasmas
12:15	12:30	Matthew Allcock	oral (03.2)	Diagnosing the Alfvén speed in asymmetric fibrils using solar magneto-seismology
12:30	15:00	Lunch break		
Session 6 (Chair: Hardi Peter)				
15:00	15:30	Hamish Reid	Invited talk (IT3.1)	New look at the radio fine structures with LOFAR and beam-plasma interactions in the solar corona
15:30	15:45	Nicolina Chrysaphi	oral (03.1)	CME-driven Type II solar radio burst with LOFAR and radio-wave scattering
15:45	16:00	Xiaoyan Xie	oral (03.11)	Numerical experiments of various types of disturbance to the low and middle corona caused by the solar eruption
16:00	16:15	Isabell Piantschitsch	oral (03.4)	Influence of Initial Parameters on Numerical Simulations of Coronal Waves and their Interaction with Coronal Holes
16:15	16:30	Tatiana Podladchikova	oral (03.12)	Multiple EUV wave reflection from a coronal hole
16:30	17:00	Coffee break		
Poster session 2				
17:00	18:30	Posters from topics 1-3		

Wednesday, 8th May 2019

Session 7 (Chair: Jean-Claude Vial)				
09:00	09:30	Jun Zhang	Invited talk (IT3.2)	Observational studies on 3D magnetic reconnections in solar eruptions
09:30	09:45	Rui Liu	oral (03.5)	Double-Decker Filament Configuration Revealed by Mass Motions
09:45	10:00	Jörg Büchner	oral (03.6)	Kinetic Physics and electron acceleration by magnetic reconnection in the solar corona
10:00	10:15	Xiaowei Zhou	oral (03.7)	Coherent emission driven by energetic ring-beam electrons in the solar corona
10:15	10:30	Hugh Hudson	oral (03.8)	Coronal implosions and their consequences
10:30	11:00	Coffee break		
Session 8 (Chair: Bojan Vršnak)				
11:00	11:30	Xin Cheng	Invited talk (IT4.1)	Origin and early evolution of coronal mass ejections
11:30	11:45	Yihua Yan	oral (04.1)	Solar Eruptive Events with MUSER Observations
11:45	12:00	Rocksoon Kim	oral (04.13)	CME-CME interaction near the Earth
12:00	12:15	Bernhard Kliem	oral (04.16)	Flux rope formation by a confined solar flare preceding a coronal mass ejection
12:15	12:30	Jasmina Magdalenic	oral (04.8)	Two homologous halo CMEs of a flower-like morphology
12:30	15:00	Lunch break		
Session 9 (Chair: Xin Cheng)				
15:00	15:30	Alessandro Bemporad	Invited talk (IT4.2)	Manifestations and Triggering of Coronal Mass Ejections as observed in the EUV-UV emissions
15:30	15:45	Yang Guo	oral (04.3)	Magnetic Flux Rope Eruption Simulated by a Data-Driven Magnetohydrodynamic Model
15:45	16:00	Pietro Zucca	oral (04.4)	Interferometric observation of three consecutive type II radio bursts observed with LOFAR
16:00	16:30	Coffee break		
Poster session 3				
16:30	17:45	Posters from topics 4-5		
18:00	20:00	Excursion to the Spaniola castle		

Thursday, 9th May 2019

Session 10 (Chair: Astrid Veronig)

09:00	09:15	Ying Li	oral (04.7)
09:15	09:30	Xiaoli Yan	oral (04.9)
09:30	09:45	Brigitte Schmieder	oral (04.10)
09:45	10:00	Xudong Sun	oral (04.11)
10:00	10:15	Chen Xing	oral (04.12)
10:15	10:30	Chaowei Jiang	oral (04.5)
10:30	11:00	Coffee break	

[Spectroscopic Diagnostics of Chromospheric Evaporation Using IRIS and Hinode/EIS](#)
[The Eruption of a Small-scale Emerging Flux Rope as the Driver of an M-class Flare and of a Coronal Mass Ejection](#)
[Generalisation of the Magnetic Field Configuration of typical and atypical Confined Flares](#)
[Formation of a Kilogauss Magnetic Flux Rope Prior to an X9-Class Flare](#)
[Quantifying the Toroidal Flux of a Pre-existing Flux Rope in Coronal Mass Ejections](#)
[Data-Driven MHD Simulations of Solar Eruptions](#)

Session 11 (Chair: Yuming Wang)

11:00	11:30	Lyndsay Fletcher	Invited talk (IT4.3)
11:30	11:45	Krzysztof Barczynski	oral (04.2)
11:45	12:00	Janusz Sylwester	oral (04.6)
12:00	12:15	Yingna Su	oral (04.15)
12:15	12:30	Ting Li	oral (04.17)
12:30	15:00	Lunch break	

[Multi-wavelength Observations of Solar Flares](#)
[Solar flare simulation and observations. A spatiotemporal analysis of the magnetic field, electric current density and Lorentz force](#)
[High-resolution X-ray spectra around S XV and Si XIII triplets as observed by Diogenes flat crystal spectrometer](#)
[Initiation and Evolution of the X9.3 Solar Flare on 2017 Sep 6](#)
[Two Categories of Confined Flares](#)

Session 12 (Chair: Manuela Temmer)

15:00	15:15	Erica Lastufka	oral (04.18)
15:15	15:45	Astrid Veronig	Invited talk (IT5.1)
15:45	16:15	Yuming Wang	Invited talk (IT5.2)
16:15	16:30	Jaša Čalogović	oral (05.1)
16:30	16:45	Li Feng	oral (05.5)
16:45	17:15	Coffee break	

[Multiwavelength Stereoscopic Observation of the May 1, 2013 Solar Flare and CME](#)
[Space Weather chains connecting the Sun to Earth](#)
[CME Propagation and Space Weather](#)
[Predicting CME arrival time and speed with DBEM](#)
[3D evolution of a coronal shock and its link to the longitudinal distribution of SEP properties](#)

Poster session 4

17:15	18:45	Posters from topic 4-5	
20:00		Conference dinner	

Friday, 10th May 2019

Session 13 (Chair: Loukas Vlahos)

09:00	09:30	Milan Maksimović	Invited talk (IT5.3)
09:30	09:45	Stefaan Poedts	oral (05.2)
09:45	10:00	Xiaolei Li	oral (05.3)
10:00	10:15	Mateja Dumbović	oral (05.4)
10:15	10:45	Coffee break	
10:45	11:45	Final discussion & closing words	

[Particles and plasma waves from the Sun to the Earth: progress and challenges](#)
[EUHFORIA in the ESA Virtual Space Weather Modelling Centre](#)
[Reconstructing 3D Solar Wind Structures in the Inner Heliosphere from STEREO Dual Views](#)
[Unusual plasma and particle signatures at Mars and STEREO-A related to inhibited expansion caused by CME-CME interaction](#)

Eduard Kontar & Cheng Fang (CESPM 2019 Short Summary/Highlights & Poster Prizes), Loukas Vlahos (the Community vision of Europe-China collaboration), Discussion & questions, Eduard Kontar & Cheng Fang (Future plans)