XVIth Hvar Astrophysical Colloquium International Study of Earth-affecting Solar Transients ISEST 2018 Workshop

24 - 28 September 2018, Hvar, Croatia

Oral presentations (all PDFs)
Photo gallery & video
Proceedings of ISEST 2018

Scientific programme
Abstract book
Social events
Venue and climate
Travel and accommodation
Additional information (visa, presentations)
Contact

First annoumcement
Second annoumcement
Third annoumcement
ISEST 2018 poster (pdf)



This workshop directly addresses the scientific goals of the VarSITI project - *The*

International Study of Earth-Affecting Solar Transients (ISEST)
. The workshop aims to bring together scientists around the world to carry out focused study and information exchange on the set of scientific questions laid out by the
ISEST program
. The overarching goals are: i) to advance physical understanding of the origin and heliospheric propagation of solar transients, including coronal mass ejections (CMEs), corotating interaction regions (CIRs) and solar energetic particles SEPs; ii) to comprehend their impact on the Earth; iii) to advance space weather prediction capabilities. Basic questions to be addressed are how do CMEs and CIRs propagate and evolve, drive shocks, and accelerate energetic particles in the heliosphere. The workshop will include observational, theoretical, and modelling aspects of these questions.



The ISEST 2018 Workshop is the latest of a series of workshops organized by the ISEST project
,
which is one of the four projects of
SCOSTEP's
VarSITI program
(2014-2018). The ultimate goal of the
ISEST project
is to develop the capability to predict the arrival and geoeffectiveness and other space-weather consequences of solar transients. The
ISEST project
, involving a truly global network of scientists, consists of seven active working groups: (1) Data, (2) Theory, (3) Simulation, (4) Event campaign, (5) Bs challenge, (6) Solar Energetic Particles, and (7) MiniMax campaign. The project provides a standing website for hosting event catalogs, data and presentations and offers a forum for discussion available at
http://solar.gmu.edu/heliophysics
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CONFERENCE MEETING PLACE

Hotel Amfora - Hvar Grand Beach Resort, City of Hvar, Hvar, Croatia

For all participants of XVIth HAC / ISEST 2018 Workshop meeting we offer accommodation with the reduced prices
in Amfora and Pharos hotels.

Google map with all important places in Hvar (meeting place, social events...)

PROCEEDINGS OF ISEST 2018 / XVIth HAC

All contributions will be published in a special volume of the Central European Astrophysical Bulletin. The deadline for submitting the manuscripts is
31 December 2018
and additional information is available here
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IMPORTANT DATES

Deadline for financial support application	15 May 2018 (extended)
Deadline for abstract submission	6 July 2018 (extended)
Deadline for early registration	5 August 2018 (extended)
Deadline for late abstract submission (poster only)	1 September 2018
Deadline for CEAB proceedings submission	31 December 2018

Please note that all the deadlines are bit earlier than usual for HAC meetings.

TOPICS / SESSIONS

1. WG reports - Introduction to ISEST project + WG reports by group leaders
2. WG1 session (data)
3. WG2 session (theory)
4. WG3 session (simulation)

5. WG4 session (campaign study)
6. WG5 session (Bs challenge)
7. WG6 session (SEPs)
8. WG7 session (MiniMax)
9. General session on Sun and Heliosphere
10. Parker Solar Probe and Solar Orbiter (including hands-on-session)
11. WG summary - WG reports by group leaders

CONFIRMED INVITED SPEAKERS:

Teresa Nieves Chinchilla (IACS/CUA, USA), Christina Cohen (SRL/CALTECH, USA), Lucie Green (UCL, UK), Philip Hess (NRL, USA), Meng Jin (LMSAL, USA), Christina Kay (NASA/GSFC, USA), Dusan Odstrcil (GSFC/GMU, USA), Rui Pinto (IRAP, France), Camilla Scolini (KUL/SIDC, Belgium), ChengLong Shen (USTC, China)

CONFIRMED WORK GROUP LEADERS:

Jie Zhang (GMU, USA, WG1), Bojan Vrsnak (OH/UNIZG, Croatia, WG2), Dusan Odstrcil (GSFC/GMU, USA, WG3), Fang Shen (NSSC, China, WG3), David Webb (ISR/BC, USA, WG4), Spiros Patsourakos (UOI, Greece, WG5), Olga Malandraki (NOA, Greece, WG6), Manuela Temmer (UNIGRAZ, Austria, WG7)

SCIENTIFIC ORGANIZING COMMITTEE LOCAL ORGANIZING COMMITTEE

Co-chairs:
Nat Gopalswamy (USA)
Manuela Temmer (Austria)
Bojan Vršnak (Croatia)
Jie Zhang (USA)

Members:
Ayumi Asai (Japan)
Mario Bisi (UK)
Kyungsuk Cho (South Korea)
Mateja Dumbović (Austria)
Peter Gallagher (Ireland)
Manolis Georgoulis (Greece)
Alejandro Lara (Mexico)
Noé Lugaz (USA)
Alexis Rouillard (France)

Nandita Srivastava (India)
Yu-Ming Wang (China)
David Webb (USA)
Yuri Yermolaev (Russia) **Co-chairs:**
Bojan Vršnak (Hvar Obs.)
Jaša Čalogović (Hvar Obs.)
Domagoj Ruždjak (Hvar Obs.)

Members: Mateja Dumbović (Uni. Graz)
Isabell Piantschitsch (Uni. Graz)
Ivica Skokić (Hvar Obs.)
Davor Sudar (Hvar Obs.)
Toni Visković (Hvar Obs.)

SUPPORT










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IAGA
International Association
of Geomagnetism and Aeronomy