

XVIth HVAR ASTROPHYSICAL COLLOQUIUM
International Study of Earth-affecting Solar Transients
ISEST 2018 Workshop
24 - 28 September 2018, Hvar, Croatia

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 (<http://oh.geof.unizg.hr/index.php/en/meetings/isest-2018>) 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/index.php/>.

SCIENTIFIC ORGANIZING COMMITTEE: Nat Gopalswamy (**Co-chair**, USA), Manuela Temmer (**Co-chair**, Austria), Bojan Vršnak (**Co-chair**, Croatia), Jie Zhang (**Co-chair**, USA), 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)

LOCAL ORGANIZING COMMITTEE: Bojan Vršnak (**Co-chair**, Hvar Obs.), Jaša Čalogović (**Co-chair**, Hvar Obs.), Domagoj Ruždjak (**Co-chair**, Hvar Obs.), Mateja Dumbović (Uni. Graz), Isabell Piantschitsch (Uni. Graz), Ivica Skokić (Hvar Obs.), Davor Sudar (Hvar Obs.), Toni Visković (Hvar Obs.)

MEETING PLACE: Hotel Amfora - Hvar Grand Beach Resort, Hvar, Croatia

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TOPICS / SESSIONS:

- Observations & Data (ISEST WG1)
- Theory & Simulations (ISEST WG2 & WG3)
- Event Campaign & MiniMax24 Campaign (ISEST WG4 & WG7)
- Bs-challenge (ISEST WG5)
- Solar Energetic Particles (ISEST WG6)

ABSTRACT SUBMISSION:

Abstracts should be submitted via abstract submission form that can be found at:

<http://oh.geof.unizg.hr/index.php/en/meetings/iseest-2018/abstract>

REGISTRATION:

The participants are kindly asked to fill in the registration form at:

<http://oh.geof.unizg.hr/index.php/en/meetings/iseest-2018/registration>

CONFERENCE FEE:

Categories	Early	Regular
Regular	EUR 250	EUR 350
Student	EUR 100	EUR 150
Accomp. person	EUR 80	EUR 80

Early registration is supported only by money bank transfer. Payment instructions are given on the registration form.

GRANTS:

Limited funds are available to support registration fee and/or accommodation for students, but also senior scientists and PostDocs (scientists from developing countries will be given priority). Participants seeking for support must complete grant application form at:

<http://oh.geof.unizg.hr/index.php/en/meetings/iseest-2018/grants>

or send an email containing a short CV and tentative abstract to:

Mateja Dumbović mateja.dumbovic@uni-graz.at

The **deadline for application** is May 1, 2018.

IMPORTANT DATES:

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

- Deadline for the VarSITI support application: May 1, 2018
- Deadline for abstract submission: July 1, 2018
- Deadline for early registration: July 15, 2018
- Late abstract deadline (poster only): September 1, 2018

Additional information is available at:

<http://oh.geof.unizg.hr/index.php/en/meetings/iseest-2018>