

There are no translations available.

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 announcement](#)

[Second announcement](#)

[Third announcement](#)

[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>



CONFERENCE WEBSITE: <http://www.observatory.hvar.hr/isest2018>
Hvar Observatory is a part of the Hvar Observatory and the Hvar Observatory is a part of the Hvar Observatory.
The Hvar Observatory is a part of the Hvar Observatory and the Hvar Observatory is a part of the Hvar Observatory.



