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 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.



