

XVIIth Hvar Astrophysical Colloquium

CANCELLED The Sun and Heliosphere **21 - 25 September 2020, Hvar, Croatia**

Due to the on-going COVID-19 pandemic and accompanying social and economic disruptions, LOC and SOC decided to cancel for year 2020 XVIIth Hvar Astrophysical Colloquium. Further information about a possible new date will be given in June 2020. Thank you for your understanding and stay safe!

The Hvar Astrophysical Colloquium (HAC) is organized every two years in the [town of Hvar](#), Croatia with aim to bring together researchers from Europe and beyond, devoted to instrumentation, fundamental as well as applied research in the field of solar and heliospheric physics, space weather and space climate.

[Venue and climate](#)

[Travel and accommodation](#)

[Additional information \(visa, presentations\)](#)

[Contact](#)

[First announcement](#)

CONFERENCE MEETING PLACE

Gallery at Hvar Theatre, City of Hvar, Hvar, Croatia

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

REGISTRATION FEE

	Early	Late / On-Site
Regular	250 EUR	350 EUR
Student	150 EUR	200 EUR
Accompanying person (only onsite payment)	70 EUR	70 EUR

TOPICS / SESSIONS

1. Solar Interior, dynamo, large scale flows and the Solar Cycle

- includes instrumentation and research regarding solar interior, helioseismology, emerging flux, sunspots, active regions, large scale flows, solar dynamo, long-term solar activity, solar cycle predictions and related topics

2. Dynamics and fundamental processes in the solar atmosphere

- includes instrumentation and research regarding global coronal magnetic field, coronal heating, coronal rain, coronal loops, coronal bright points, coronal holes, Ellerman bombs, jets, magnetic reconnection, waves and instabilities in the solar photosphere, atmospheric seismology and related topics

3. Eruptive Processes in the Solar Atmosphere

- includes instrumentation and research regarding solar flares, coronal mass ejections, particle acceleration, flux rope formation, eruption initiation, eruptive filaments, coronal dimmings, Moreton waves, EUV waves, coronal shocks, solar radio bursts, and related topics

4. Dynamics of the Heliosphere, Solar-Terrestrial Relations, Solar Wind, Space Weather and Space Climate

- includes instrumentation and research regarding origin and structure of solar wind, solar wind transients, propagation, evolution, morphology and structure of CMEs and SIRs, effects of solar wind transients on galactic cosmic rays and planetary magnetic fields, solar energetic particles, solar-terrestrial relations, long term datasets, influence of solar activity on planetary atmospheres and related topics

In addition to the scientific sessions several topical discussion meetings will be organised (to be announced soon).

SCIENTIFIC ORGANIZING COMMITTEE

Co-chairs:

Mateja Dumbović (Hvar Obs., Croatia)

Dominik Utz (Uni Graz., Austria)

Members:

Istvan Ballai (Uni. Sheffield, UK)

Peter Gömöry (SAV, Slovakia)

Nat Gopalswamy (NASA/GSFC, USA)

Jingnan Guo (USTC, China)

Miho Janvier (IAS, France)

Laure Lefevre (ROB, Belgium)

Dibyendu Nandi (IISER, India)

Astrid Veronig (Uni Graz., Austria)

Bojan Vršnak (Hvar Obs. **Co-chairs:**

Jaša Čalogović (Hvar Obs.)

Domagoj Ruždjak (Hvar Obs.)

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

SUPPORT

