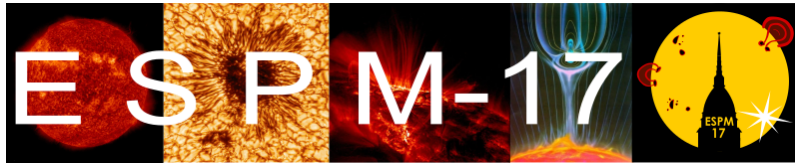


# 17th European Solar Physics Meeting ESPM-17



**Monday 9 September 2024 - Friday 13 September 2024**

**Turin, Italy**

## **Scientific Programme**

The **scientific programme** of ESPM-17 will be organised around the following topics:

Solar interior, sub-surface flows and long-term variability

Fundamental mechanisms of solar plasmas: magnetic reconnection, waves, radiation and particle acceleration

Energy and mass transfer throughout the solar atmosphere and structures within

Multi-scale energy release, flares and coronal mass ejections

Diagnostic tools and numerical methods in solar physics

Space weather and the solar-heliospheric connections

The meeting will start on the morning of September 9th, and will finish around noon on September 13th. The afternoon of September 11th will be dedicated to social excursions, and the conference dinner will be held on September 12th. A welcome reception will be offered on Sunday 8th late afternoon.

### List of Invited Speakers

- Daniel Nóbrega-Siverio, Instituto de Astrofísica de Canarias (IAC), Rosseland Centre for Solar Physics (RoCS)
- Hannah Schunker, School of Information and Physical Sciences, University of Newcastle (AU)
  
- Petr Heinzel, Academy of Sciences of the Czech Republic (CZ)
- Clara Froment, Laboratoire de Physique et de Chimie de l'Environnement et de l'Espace, Orléans (FR)
- Marco Stangalini, Italian Space Agency (IT)
- Valeriia Liakh, Centre for Mathematical Plasma Astrophysics at the Mathematics Department, KU Leuven (BE)
- Susanna Parenti, Université Paris-Saclay, CNRS, Institut d'Astrophysique Spatiale, (FR)
- Rui Pinto, Institut de Recherche en Astrophysique et Planétologie, IRAP, Toulouse (FR)
- Jaroslav Dudík, Astronomical Institute of the Czech Academy of Sciences (CZ)
- Lyndsay Fletcher, SUPA School of Physics and Astronomy, University of Glasgow (UK)
- Marilena Mierla, Solar-Terrestrial Centre of Excellence – SIDC, Royal Observatory of Belgium (BE)
- Stephanie Yardley, Department of Meteorology, University of Reading (UK)
- Emilia Kilpua, Department of Physics, University of Helsinki (FI)
- Judith de Patoul, Solar-Terrestrial Centre of Excellence - SIDC, Royal Observatory of Belgium (BE)
- Quentin Noraz, Rosseland Centre for Solar Physics, RoCS, Oslo (NO)
- Michaela Brchnelova, Plasma-astrophysics Unit, KU Leuven (BE)
- Alberto Sainz Dalda, Institute of Theoretical Astrophysics, University of Oslo, Oslo (NO)
- Sami K. Solanki, Max-Planck Institut für Sonnensystemforschung, Göttingen, (GE)

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## **particle acceleration**

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