

4th Swiss SCOSTEP workshop schedule OUTLINE

Location: Zoom

Thursday October 29 2020			
Session 1 First results / new instruments and techniques			
14:00-14:45	Nicole	Vilmer	Radio observations of flares and coronal mass ejections: space weather aspects
14:45-15:05	Sâm	Krucker	First results from Solar Orbiter/STIX
15:05-15:25	Louise	Harra	Connecting solar activity to Parker Solar Probe data during Encounter 1 and 2.
15:25-15:45	Olena	Podladchikova	Prospects for improving existing space weather forecasting schemes using Extreme Ultraviolet Imager data onboard Solar Orbiter
15:45-16:00	Coffee break		
16:00-16:20	Michele	Bianda	News about the European Solar Telescope
16:20-16:40	Margit	Haberreiter	LUCI onboard the upcoming ESA Space Weather Mission
16:40-17:00	André	Csillaghy	JHelioviewer on the way to be the Solar Orbiter data visualizer, and beyond
17:00-17:45	Daniel	Marsh	A Whole Atmosphere View of Solar-Terrestrial Coupling

Friday October 30 2020			
Session 2 Observations and modelling of the upper solar atmosphere			
08:30-08:50	Andrea Francesco	Battaglia	Imprints of torsional Alfvén pulses in magnetic swirls
08:50-09:10	Krzysztof	Barczynski	A Comparison of the Active Region Upflow and Core Morphologies Using Simultaneous Spectroscopic Observations from IRIS and Hinode
09:10-09:30	Diego	de Pablos	Analysis of time-domain correlations between EUV and in-situ observations of coronal jets
09:30-09:50	Jean-Philippe	Montillet	A New Methodology for Degradation Correction of the SOHO/VIRGO Total Solar Irradiance Time Series Using Machine Learning and Data Fusion
09:50-10:10	Rohit	Sharma	Probing spatial and temporal solar emission variations at meter wavelengths.
10:10-10:30	Coffee break		
Session 3 The Sun in Polarisation			
10:30-10:50	Emilia	Capozzi	Magneto-optical effects in the wings of the Ca I 4227 Å line
10:50-11:10	Franziska	Zeuner	Absolute high precision solar polarimetry
11:10-11:30	Ernest	Alsina Ballester	Radiative transfer modeling of spectral line polarization considering complex atomic models
11:30-11:50	Gioele	Janett	Radiative transfer modeling of spectral line polarization accounting for angle-dependent PRD effects
11:50-12:10	Svetlana	Berdugina	Vector magnetic field through the solar atmosphere