

1st Swiss SCOSTEP workshop schedule

Hallerstr. 6 Bern

Tuesday 4th October 2016

Theme

	10:30	Registration		
	11:15	Welcome (SOC)		
	11:30-12:15	Jürg	Beer	Solar variability and its effects on Earth (invited)
	12:15-12:35	Natalie	Krivova	Solar irradiance variability: knowns and unknowns
	12:35-14:00	Lunch break		
Total solar irradiance	14:00-14:20	Werner	Schmutz	Assessment of the reliability of TSI-reconstructions by comparing PREMOS/PICARD TSI values to other TSI data series
	14:20-14:40	Chi-Ju	Wu	Solar Spectral Irradiance Reconstruction on Millennial Timescale
	14:40-15:00	Wolfgang	Finsterle	Strategies for effective monitoring of Total Solar Irradiance
	15:00-15:20	Benjamin	Walter	A new generation of Compact Lightweight Absolute Radiometers (CLARA) for space borne TSI observations
	15:20-15:50	Coffee break and posters		
The Sun in observations and simulations	15:50-16:10	Michele	Bianda	Research at Istituto Ricerche Solari Locarno
	16:10-16:30	Oskar	Steiner	Magnetohydrodynamic Simulations at IRSOL
	16:30-16:50	Flavio	Calvo	Non-magnetic photospheric bright points in 3D simulations of the solar atmosphere
	16:50-17:10	Nuno	Guerreiro	Detection and characterization of small-scale heating events in the solar atmosphere from 3D MHD simulations and their potential role in coronal heating
	19:00	Social Dinner @ Altes Tramdepot		

Wednesday 5th October 2016

Multi-wavelength solar physics	08:30-08:50	Luca	Belluzzi	The magnetism of the solar atmosphere as revealed by the Hanle effect
	08:50-09:10	Marina	Battaglia	X-ray observations of solar flares
	09:10-09:30	Matej	Kuhar	NuSTAR X-ray observations of high altitude post-flare loops one day after a solar flare
	09:30-09:50	Christian	Monstein	The e-CALLISTO network
	09:50-10:15	Coffee break and posters		

Effects of solar variability and solar activity on atmosphere, climate and weather	10:15-11:00	Katja	Matthes	Decadal Climate Variability: the Role of the Stratosphere and the Ocean (invited)
	11:00-11:20	Christoph	Raible	Response of the AMOC to reduced solar radiation – the modulating role of atmospheric-chemistry
	11:20-11:40	Abdul	Malik	Statistical link between solar activity and internal climate variability in proxies,
	11:40-12:00	Martin	Lainer	Variability of mesospheric water vapor above Bern in relation to the 27-day solar rotation cycle
	12:00-13:15	Lunch break		
	13:15-13:35	Timofei	Sukhodolov	Modeling of the middle atmosphere response to 27- day solar irradiance variability.
	13:35-13:55	Pavle	Arsenovic	The Influence of Middle Range Energy Electrons on Atmospheric Chemistry and Regional Climate
	13:55-14:15	Eugene	Rozanov	The contribution of energetic particle precipitation to ozone and surface climate trends
	14:15-14:35	Mikhael	Schwander	Influence of solar activity on the occurrence of weather types over Europe from 1763 to 2009
14:35-15:00	General Discussion: The future of the SCOSTEP community in Switzerland			

Posters

William	Ball	Constraining solar irradiance changes using ozone: Uncertainties and limitations
Margit	Haberreiter	An new observational solar spectral irradiance composite
Renzo	Ramelli	The Sunspot Number and the role of the Specola Solare Ticinese in Locarno