

SOLARNET SCHOOL: INTRODUCTION TO SOLAR PHYSICS
 SOLARNET WORKSHOP: Radiative processes in the Sun and the Stars,
 March 24 - April 4, 2014, Wroclaw, POLAND

1 st Week	Mon. 24/3	Tue. 25/3	Wed. 26/3	Thu. 27/3	Fri. 28/3	Sat. 29/3	Sun. 30
08:00-09:00							Free day
09:00-10:00		Opening	M. Collados Vera The EST and SOLARNET Projects	M. Carlsson High-resolution observations of photospheric and chromospheric features	M. Carlsson Introduction to radiative transfer	Jesús Burgos Martín Lecture on Complementary skill	
10:00-11:00		A. Berlicki Ground-based and space instrumentation for solar observations		M. Carlsson Chromospheric diagnostics	M. Carlsson NLTE line formation	Jesús Burgos Martín Lecture on Complementary skill	
11:00-11:30		Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	
11:30-13:30		S. Regnier The solar interior and dynamo. Magnetic flux emergence	S. Regnier Active region formation and evolution	S. Regnier Spectro-polarimetry and data inversion	M. Carlsson Hands on Session on radiative transfer	S. Regnier Hands on Session	
13:30-15:00		Lunch time	Lunch time	Lunch time	Lunch time	Lunch time	
15:00-16:30	Arrival of participants at the hotel & Registration	Student's Introduction and joint discussion	Student's presentation (15 min each)	Student's presentation (15 min each)	Student's presentation (15 min each)	Free afternoon	
16:30-17:00		Coffee Break	Coffee Break	Coffee Break	Coffee Break		
17:00-18:00		Student's presentation (15 min each)	S. Regnier Hands on Session	S. Regnier Hands on Session	M. Carlsson Hands on Session: Working with IRIS data		
18:00-18:30							
19:00-		Welcome reception & dinner					

2 nd Week	Mon. 31/3	Tue. 1/4	Wed. 2/4	Thu. 3/4	Fri. 4/4
08:00-09:00					
09:00-11:00	L. Fletcher Solar Flares	L. Fletcher Coronal mass ejections	M. Velli Coronal heating	P. Heinzel Physics and radiative transfer of solar prominences	M. Velli Solar Wind
11:00-11:30	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:30-13:30	J. Molenda-Żakowicz How to write an Observational Proposal - lecture and practical exercises on complementary skill	A. Kosovichev The Solar Standard Model Helioseismology	A. Kosovichev Helioseismology The New Solar Telescope	P. Heinzel Solar and stellar activity	J. Molenda-Żakowicz Discussion on the observing proposals written by students
					Closure
13:30-15:00	Lunch time	Lunch time	Lunch time	Lunch time	Lunch time
15:00-16:30	L. Fletcher Hands on Session on solar flares	Workshop 6 Speakers (20 min each) Coffee Break	Workshop 5 Speakers (20 min each) Coffee Break	P. Heinzel Hands on Session on solar prominences	Departure
16:30-17:00	Coffee Break				
17:00-17:30	L. Fletcher Hands on Session on Solar flares and CMEs	Coffee Break	Workshop 3 Speakers (20 min each)	J. Molenda-Żakowicz Discussion on the observing proposals written by students	
17:30-18:00		A. Kosovichev Hands on Session on helioseismology			
18:00-18:30			A. Kosovichev Hands on Session on helioseismology		
18:30-19:00					
19:00-		School/Workshop Dinner (19:30)			

Legend:

Orange: School's Lecturers

Green: Student's contributions (Introduction: each student presents him/herself and the main interests; Presentation: a ppt on her/his own research)

Blue: Hands on sessions – Exercises or tutorials; Discussion on the Observational Proposals written by the students after the lesson on the relevant Complementary Skill;

Red: Talks on EST, SOLARNET, Mobility Program and Complementary Skills

Violet: Workshop's Speakers