

The magnetic solar corona as revealed by polarimetry

Toulouse, November 4th-6th 2014

PROGRAM

Tuesday, November 4th

9:00→ 9:30 Wake-Up Coffee and Croissants

9:30→11:30 Contributions

9:30: **Welcoming address.** by A. López Ariste

10:00 **L. Koechlin.** *CLIMSO: The coronagraphs of Pic du Midi.*

10:30 **J. Rybak:** *The Lomnický Peak Observatory - status report and coronal polarimetry prospects.*

11:00 **S. Tomczyk.** *Polarimetry of the Solar Corona in the Fe XIII near-IR lines.*

11:30→13:00 Lunch at the canteen

13:00→15:00 Contributions

13:00 **S. Fineschi.** *Space- and Ground-based Coronal Spectro-Polarimetry: Synergies.*

13:30 **A. Rouillard.** *Probing the origin of solar energetic particles using combined remote sensing and in-situ measurements.*

14:00 **A. Bemporad.** *Study of CME-driven shocks with remote sensing data: recent results and future prospects*

14:30 **A.K. Awasthi.** *Evolution of Self-organized criticality in the solar corona and its role in solar flare occurrence*

15:00→15:30 Coffee break

15:30→17:30 **Discussion:** *Lessons learned from past and current ground- and space-based coronagraphs*

Wednesday, November 5th

9:00→ 9:30 Wake-Up Coffee and Croissants

9:30→11:30 Contributions

9:30 **M. Faurobert** *Magnetic field diagnostics based on scattering line polarization at the solar limb*

10:00 **L. Rachmeler:** *Large scale magnetic structure determination from coronal polarimetric (1074 nm) data.*

10:30 **A. López Ariste:** *Inference of Magnetic Fields: from cold Prominences to the hot Corona.*

11:00 **J.-C. Vial:** *Is it impossible to measure the magnetic field in some coronal magnetic features ?*

11:30→13:00 Lunch at the canteen

13:00→15:00 **Discussion:** *Critical developments for interpretation*

15:00→15:30 Full Coffee break

15:30 **Discussion:** *Prospects on Coronagraphy network and community building*

19:30 CONFERENCE DINNER.

Thursday, November 6th

9:00→ 9:30 Wake-Up Coffee and Croissants

9:30→11:30 Contributions

9:30 **F. Auchère.** *Prospects for coronal magnetic field measurements from space.*

10:00 **B. Lavraud.** *INSTANT – INvestigation of Solar Terrestrial Activity aNd Transients.*

10:30 **L. Damé.** *ESCAPE: Extreme Solar Coronagraphy in Antarctica.*

11:00 **S. Koutchmy.** *Measuring the magnetic field in eruptive prominences using the PROBA3 Coronagraph-Polarimeter to understand the CMEs initiation.*

11:30→13:00 Lunch at the canteen

13:00→15:00 Contributions

13:00 **G. Capobianco.** *Coronal Magnetograph (CorMag): A Spectropolarimeter for the study of the coronal magnetic fields.*

13:30 **M. Kozak.** *The Sensors Unlimited GA1280J SWIR Camera as a detector for the solar IR coronal polarimetry?.*

14:00 **C. le Men.** *Wavefront sensing in the absence of correlation features.*

14:30 **F. Landini.** *LyNaCoPo: the observation of the magnetic field of the solar corona through a nano-wire polarizer.*

15:00→15:30 Coffee break

15:30→17:30 Discussion: What new instruments?

17:30 Adjourn

WHEN HAS YOUR TALK BEEN SCHEDULED?

Auchère	<i>Thursday at 9:30</i>
Awasthi	<i>Tuesday at 14:30</i>
Bemporad	<i>Tuesday at 14:00</i>
Capobianco	<i>Thursday at 13:00</i>
Damé	<i>Thursday at 10:30</i>
Faurobert	<i>Wednesday at 9:30</i>
Fineschi	<i>Tuesday at 13:00</i>
Koechlin	<i>Tuesday at 10:00</i>
Koutchmy	<i>Thursday at 11:00</i>
Kozak	<i>Thursday at 13:30</i>
Landini	<i>Thursday at 14:30</i>
Lavraud	<i>Thursday at 10:00</i>
López Ariste	<i>Wednesday at 10:30</i>
le Men	<i>Thursday at 14:00</i>
Rachmeler	<i>Wednesday at 10:00</i>
Rouillard	<i>Tuesday at 13:30</i>
Rybak	<i>Tuesday at 10:30</i>
Tomczyk	<i>Tuesday at 11:00</i>
Vial	<i>Wednesday at 11:00</i>