



5th SOLAR POLARIZATION WORKSHOP

A workshop in honor of Jan Olof Stenflo

organized by
Institute of Astronomy ETH Zurich
and
Istituto Ricerche Solari Locarno (IRSOL)

17 – 21 September 2007, Ascona, Switzerland

SECOND ANNOUNCEMENT

SCIENTIFIC PROGRAM

We plan nine scientific sessions with two invited reviews (30-35 min) in each which will set the stage for the discussed topics. The reviews will be followed by shorter invited and contributed talks (15-20 min) on specific hot results which will be selected from submitted abstracts by prospective participants. Presentations of poster highlights and breaks for poster viewing are planned in the end of each scientific session. All presentations will be published in a proceedings book.

The list of the invited reviews:

1: Second Solar Spectrum

J.O. Stenflo: The Sun as a Rosetta stone for polarization physics

M. Bianda: Observing programs at IRSOL of the Second Solar Spectrum

2: Polarization physics in magnetized media

E. Landi Degl'Innocenti: Radiative transfer of polarized radiation: a historical overview

J. Trujillo Bueno: The magnetic sensitivity of the Second Solar Spectrum

3: Nature of solar magnetic fields as revealed by polarimetry

S.K. Solanki: Photospheric magnetic fields

J. Harvey: Chromospheric magnetic fields

4: Polarized radiative transfer theory and modelling

K.N. Nagendra: Numerical methods in polarized line formation theory

H. Uitenbroek: 3D Radiative transfer

5: Molecular polarization and depolarization

S.V. Berdyugina: Advances in molecular spectropolarimetry
V. Bommier: Atomic and molecular depolarizing collision rates

6: Coronal, radio and infrared polarimetry

H. Lin: Infrared solar polarimetry
S. White: Radio solar polarimetry (TBC)

7: Polarimetric instrumentation for ground-based and space observatories

C.U. Keller: Polarimetry from the Ground Up
S. Fineschi: Space-based solar polarimetry

8: Stellar magnetic field studies through polarimetry

G. Mathys: Large-scale organized magnetic fields on O-B-A stars
J.-F. Donati: Spectropolarimetry of cool stars with magnetic fields (TBC)

9: New telescopes for solar polarimetry

J. Kuhn: ATST: Perspectives for coronal magnetometry
O. von der Lühe: Towards the EST (TBC)

REGISTRATION AND ABSTRACT SUBMISSION

The registration of participants and abstract submission should be made before April 1, 2007, using the on-line forms on the workshop web-page <http://www.irsol.ch/spw5>. Note that the number of participants is limited to 120. If it exceeds this limit, the selection will be made by SOC based on the topic/quality of the submitted contributions.

REGISTRATION FEE

The registration fee is 400 CHF (about 250 EUR) if paid by major credit cards before the deadline of May 31, 2007.

Those who have registered and submitted abstracts will receive instructions on how to proceed with the payment. The late registration fee is 500 CHF. Refunds of the registration fee are possible until July 15, 2007, minus an administrative fee of 70 CHF. After this date the conference fee will be a guarantee for the hotel room reservation.

ACCOMODATION

We strongly recommend to reserve the accommodation through the local organizer, using the on-line registration form. The rooms have been reserved at the conference center and in nearby three-star hotels, which have a special agreement with the conference center. A free shuttle service will be organized between the hotels and the conference center. The conference center has nicely furnished 27 double rooms and 19 single rooms with a panoramic view of Lago Maggiore. The rooms at the conference center will be assigned with priority to participants sharing a double room with another participant and to people having motor difficulties.

Prices (including full board)

participants sharing a double room: 132 CHF per night per person (117 CHF for half board)
participants in single rooms: 169 CHF per night (154 CHF for half board)

Attention: These prices cannot be guaranteed for registrations after the deadline.

The full board includes breakfast at the hotel and lunch + dinner at the conference center. The lunch and dinner consist of a 3 course menu (incl. 0.25 dl of water, 0.25 dl of house wine and coffee/tea).

The first meal is the dinner on Sunday the 16th, and the last meal is the lunch on Friday the 21st. This arrangement is available only during the workshop (September, 16–21, 2007), but LOC can help arranging an extended hotel reservation for nights prior to and after the meeting.

The half board arrangement (no dinner at the conference center) is possible with a reduction of 15 CHF per day. This choice must be specified in advance on the on-line form. No changes are possible on site.

The payment for the accommodation will be collected at the registration desk at the conference center at the beginning of the meeting, in cash (CHF only) or with credit card.

ACCOMPANYING PERSONS

The registration fee for an accompanying person is 160 CHF. It includes the participation in social activities (welcome drink, conference dinner, conference excursions). It can be paid at the registration desk at the conference center.

LOC is taking care of the hotel reservation for accompanying persons as well. Those sharing a room with an accompanying person will be booked in an external hotel, which has a special agreement with the conference center. In this case the participant will be charged at the single room rate (169 CHF for full board or 154 for half board), while the accompanying person will be charged only 50 CHF per night (including breakfast), to cover the difference between the double and single room price. On request, the accompanying person may have lunch or dinner at the conference center for 32 CHF (lunch) or 38 CHF (dinner). Please contact LOC for special arrangements (e.g. more than one accompanying persons).

DIRECTIONS

The detailed explanations on how to reach Locarno/Ascona and the conference center are provided on the workshop web page <http://www.irsol.ch/spw5>. A free shuttle service will be organized at selected times during the arrival day (Sunday) from the Locarno train station to the conference center and to the station on the last day of the workshop (Friday).

FINANCIAL SUPPORT

A very limited amount of funding is available to support participation in the workshop. In particular, we have the possibility to apply for a conference grant program of the Swiss National Science Foundation, for which participants from Eastern European institutes are eligible (CZ, EST,

HU, LT, LV, PL, SK, SLO, AL, BG, BIH, BY, HR, MK, R, RUS, SM, UA, AR, AZ, GE, KG, KZ, MD, TJ, TK, UZ). The requests for financial support should be sent to the email address spw5@astro.phys.ethz.ch before February 28, 2007, together with the CV of the applicant. The requests will be considered only from registered applicants who have also submitted the presentation abstract at the same time (before February 28, 2007). Students should also supply a supporting letter from their supervisors.

DEADLINES

28 February 2007	Requests for financial support
1 April 2007	Abstract submission and registration
31 May 2007	Payment of the registration fee

CONTACTS

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