

COST Grant workplan

(1) MEETINGS

Management Committee Meeting

Location: Prague (CZ)
Date: 9 May 2014
Number of participants to be reimbursed: 37
Travel and subsistence costs: 12500.00 €
Organizational support: 500.00 €

Working Group Meetings

Title: **Polarimetric techniques & technology**
Location: Leiden (NL)
Date: 24-28 March 2014
Number of participants to be reimbursed: 25
Travel and subsistence costs: 20000.00 €
Organizational support: 0.00 €
WG no. and title: 3 (Instrumentation)

Title: **Theory and modeling of polarization in astrophysics**
Location: Prague (CZ)
Date: 5-8 May 2014
Number of participants to be reimbursed: 20
Travel and subsistence costs: 15000.00 €
Organizational support: 5000.00 €
WG no. and title: 2 (Theory & Modeling)

Workshops and Conferences

Title: **ASTROPOL 2014**
Location: Grenoble (FR)
Date: 26-30 May 2014
Number of participants to be reimbursed: 25
Travel and subsistence costs: 22000.00 €
Organizational support: 10000.00 €

Title: **Astrophysical X-ray polarimetry**
Location: Stockholm (SE)
Date: 25-28 August 2014

Number of participants to be reimbursed: 12
Travel and subsistence costs: 10000.00 €
Organizational support: 2500.00 €

Title : **Coronal polarimetry**
Location: Toulouse (FR)
Date: 4-6 November 2014
Number of participants to be reimbursed: 12
Travel and subsistence costs: 10000.00 €
Organizational support: 2500.00 €

Other meetings

Title: **Special session about polarimetry organized during the ACM (Asteroids Comets and Meteors) conference**
Location: Helsinki (FI)
Date : 30 June – 4 July 2014 (exact day of the session tbd)
Number of participants to be reimbursed: 8
Travel and subsistence costs: 5000.00 €
Organizational support: 0.00 €

III. WORK PLAN

(2) ACTIVITIES

- **WG3 meeting : Polarimetric techniques & technology – Leiden, 24-28 March 2014.** It will be organized as a Lorentz conference. The meeting will merge participants doing polarimetry in very different fields, from astronomy to medical applications. Industrial partners will be involved as well. Schedule is 2 days of talks followed by 2 days of more interactive sessions. We have already obtained a grant of 10 k€ which will serve for LO. So we do not plan any funding for LO. All money will be used to fund participants. A budget of 20 k€ is planned.

- **WG2 meeting : Theory and modeling of polarization in astrophysics – Prague, 5-8 May 2014.** The meeting aims at in-depth discussions between researchers studying the complex physics of the interaction of radiation and matter in magnetised plasmas, the generation and transfer of polarized radiation, and those developing and implementing efficient numerical methods for making feasible realistic numerical simulations. 35 participants maximum (selection by SOC if necessary). Budget of 15 k€ to cover travel & accommodation expenses. Cost of villa location + coffee breaks should be around 5 k€. Website is ready, our COST website links to that website. Proceedings are planned. A provisional budget of 3.5 k€ is planned.

- **Specific session about polarization during the ACM conference in Helsinki (30 June – 4 July 2014).** Asteroids, Comets, Meteors focuses on the research of small Solar System bodies. It is a well-established conference organized every 2 years. The main scientific organizer is a very active member of our COST Action and will organize this dedicated session to promote polarimetry in that specific field. We will reimburse only participants giving a talk in this session and with a maximum of 2 nights of hotel, as we did for the 9th SCSLSA in 2013. A budget of 5 k€ is planned.

- **ASTROPOL 2014** : this big conference will be co-organized by our Action. The main organizer is Dr. François Ménard who is also a member of our Action. 150 participants expected. Local organization is nearly ready, the meeting will take place in Minatec, in the center of Grenoble. A SOC is currently chosen. Registration fee for this meeting will be 250 € including lunches. COST won't be able to fund this fee for the participants that will be reimbursed (not allowed). Website will be made by us, including registration. Budget planned is 22 k€ + 10 k€ for LOS. We hope to cover expenses for 20-25 participants including some experts.

- **Coronal Polarimetry, workshop in Toulouse, 4-6 November 2014.** Initial reason for this meeting is that a coronagraph and polarimeter will be installed at the Pic du Midi Observatory with colleagues from Slovakia & Italy. This meeting is a nice opportunity to talk about this field and can be considered as a kick-off meeting. Meeting will be organized at the Observatoire Midi Pyrénées. An optional visit to the Pic du Midi might be planned on the Friday (meeting from Tuesday until Thursday). We will fund only participants planning to give talks about polarimetry. A budget of 12.5 k€ is planned.

- **Astrophysical X-ray polarimetry, workshop organized in Stockholm, 25-28 August 2014.** A budget of 12.5 k€ is planned.