

Visitor Grants and PhD positions in Space Climate

are available at the University of Oulu, Finland, within the Centre of Excellence in Research on Solar Long-term Variability and Effects (ReSoLVE) of the Academy of Finland. The second three-year funding period of ReSoLVE covers 2017 – 2019.

ReSoLVE studies Space Climate, i.e., the long-term (multidecadal to centennial) magnetic evolution of the Sun, which depicts a dramatic increase in the 20th century and a recent decline, and the related changes in the inner heliosphere and in the near-Earth environment. Specific research topics of ReSoLVE include, e.g., the changing structure of solar magnetic fields, solar corona, solar wind and the heliospheric magnetic field, and the effect of this change at the Earth, causing electromagnetic disturbances, geomagnetic activity and geomagnetic storms, energizing magnetospheric particles, and affecting the atmosphere.

Oulu, the capital of Northern Finland at the Gulf of Bothnia of the Baltic Sea, is a lively university town with a wealth of cultural activities. The vibrant atmosphere of challenging front-end research in an international team, as well as the wild beauty of the Northern nature, including auroral displays, are guaranteed.

Applications and possible requests of additional information should be sent by e-mail to Prof. Kalevi Mursula, Chair of ReSoLVE
kalevi.mursula(at)oulu.fi

1. Visitor Grants in Space Climate

We invite applications from experts with verified competence in any of the above-mentioned fields of Space Climate research relevant to ReSoLVE, for single or multiple visits lasting up to 6 months at a time.

The application should include:

- A brief description (max 2 pages) of intended research and its relation to ReSoLVE
- Curriculum vitae (max 4 pages)
- A list of publications

Grant applications are considered continuously.

2. Positions for PhD students

PhD student positions will be filled continuously, as new positions will open up, from within those students who have expressed their interest and verified their eligibility. The PhD study topics are from the above-mentioned fields of Space Climate research, relevant to ReSoLVE. MSc degree in space physics or in a related field is required latest by the start of the position. A good command of English is mandatory. Successful candidates will perform PhD studies and related research at the University of Oulu. Also part-time attendance in Oulu may be possible using a multi-visit programme. A description of PhD student admission requirements can be found at <http://www.oulu.fi/uniogs/>. The salary for PhD students is based on the job demand level 2-4. All positions include a 4-month trial period.

The application should include:

- Curriculum vitae (max 4 pages)
- A brief description (max 2 pages) of interest and its relation to ReSoLVE research
- Names and contact information (affiliation, email and telephone number) of three persons willing to provide professional recommendations upon request

Application should be merged into one pdf-file and sent by e-mail with subject "ReSoLVE Application".

PhD student positions are being considered and filled continuously as new positions will become available.