

Visitor Grants and 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 first funding period of ReSoLVE is 2014 – 2016, with a likely extension to 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. Position for post-doctoral and/or senior researcher

We welcome applications from experts in any of above mentioned fields of Space Climate research relevant to ReSoLVE, especially in coronal field and solar wind modelling, or modelling of solar (both particle and TSI/SSI) effects in the atmosphere.

Successful candidates are expected to focus on research, but need to devote a fraction of time to supervising PhD/MSc students, lecturing and/or other education. The salary is based on the job demand level 5-7 of the salary system for teaching and research staff in use in Finnish universities (upper table in <http://www.hallinto.oulu.fi/upj/ypj-palkat20130101.pdf>). Positions are for the first funding period. Extension is possible if ReSoLVE is continued. All positions include a 4-month trial period.

The application should include:

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

- A list of publications, with five most relevant publications highlighted
- 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".

[Post-doc/senior position is open until filled.](#)

3. Positions for PhD students

Two PhD student positions will be filled to some of the above mentioned fields of Space Climate research relevant to ReSoLVE. MSc degree in space physics or a related field is required 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. 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 (see above). 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".

[Additional PhD student positions may also become available.](#)