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**UNIVERSITÄT**  
**BERN**

The Division of Microwave Physics at the Institute of Applied Physics (<http://www.iapmw.unibe.ch/>), University of Bern (Switzerland) invites applications for the position of.

## Postdoc or Junior group leader in Atmospheric Physics / Atmospheric Radiometry (2-6 years)

The Division of Microwave Physics is one of the world leading institutions in the area of radiometry of the atmosphere in the microwave and submillimeter wave range (5 GHz – 1.2 THz). A range of in-house instruments is developed and used to measure water (vapor, liquid, ice), trace gases (O<sub>3</sub>) and wind, and to study related processes in the lower, middle and upper atmosphere. The Division of MW Physics has a long tradition of international collaborations (<http://www.ndaccdemo.org/>).

The position will start with a 2-years contract, extendable up to 6 years and comes with the possibility of promotion to Oberassistent (habilitation, non-tenure track).

### Requirements

The successful candidate has a demonstrated track record in atmospheric physics/dynamics with a focus on observations and/or numerical simulation of (lower, middle and upper) atmospheric processes related to water phases, clouds, ozone, radiative transfer or wind. The candidate will develop a research agenda making use of the instruments and very rich data archives available in-house (e.g., TROWARA, TEMPERA, GROMOS) and internationally (e.g. NASA/GSFC IceCube, EUMETSAT and ESA). Meso-scale phenomena and processes, long-term trends, and Atmosphere Upper-Air Essential Climate Variables ECV/cloud properties (water ice path, ice clouds) are of particular interest. The candidate will establish strong collaborations within the Division of Microwave Physics and with research groups of the Oeschger Centre for Climate Change Research, University of Bern [www.oeschger.unibe.ch](http://www.oeschger.unibe.ch) (GCM/RCM modeling, atmospheric dynamics, climatology, remote sensing and Climate Physics).

The candidate is expected to apply successfully for extramural grants, to gain experience with supervising (BSc and MSc), co-supervising (PhD) and, if desired, teaching, and to develop intellectual independency and scientific networks. The candidate will benefit from the scheme for the promotion of Young Scientists at the Oeschger Centre.

### We offer

Salary range: SFr 88'000.- to 100'000.-/year (depending on experience)

The position is available from now on, (for 2 years, extendable up to 6 years, non-tenure track)

Applications should be submitted not later than 31.10.2018. Review of applications continues until the position is filled. Applications of women are particularly encouraged.

### Contact

Please direct informal inquiries either to Dr. Axel Murk ([axel.murk@iap.unibe.ch](mailto:axel.murk@iap.unibe.ch)) or to Prof. Dr. Martin Frenz ([martin.frenz@iap.unibe.ch](mailto:martin.frenz@iap.unibe.ch)). Applications (ONE pdf with letter of motivation, CV, List of Publications/Output, Certificate of PhD, research outline of max. 2 pages, addresses of three referees) should be sent to:

Prof. Dr. Martin Frenz, University of Bern, Institute of Applied Physics, Sidlerstrasse 5, 3012 Bern, Switzerland, [martin.frenz@iap.unibe.ch](mailto:martin.frenz@iap.unibe.ch); Tel: + 41 31 631 89 43

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