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**UNIVERSITÄT
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The Space Research and Planetary Sciences Division of the University of Bern has been granted funding to lead the development of two payloads on board of the new ESA F-Class mission 'Comet Interceptor'. The University contributes a high-resolution camera system, the Comet Camera (CoCa) including Scanning Mirror Electronics (SME), and a neutral gas mass spectrometer, the Mass Analyzer for Neutrals in a Coma (MANiaC), to the mission. The launch is planned in 2029. The division is also building instruments for a number of other missions. To help meet these challenges, we are now seeking an experienced

Electronics Engineer (80 - 100%)

Your emphasis will be on the support of the Scanning Mirror Electronics development in terms of technical specifications evaluations, review of interface definitions and performance evaluations. The Scanning Mirror Electronics is part of a Rotating Mirror Assembly on board of the Comet Interceptor Mission that serves the Comet Camera instrument. The RMA development is led by CSL in Belgium with Switzerland contributing to the Scanning Mirror Electronics. The development is contracted to a major Swiss space industry.

Additionally you will be involved in the MANiaC payload and help us develop analogue electronics together with the MANiaC team. Depending on your field of expertise, support for pulser electronics, low current power supplies, low current measurement or high speed analogue boards.

The position comprises following tasks:

- Review and flow down of the technical specifications
- Review of the technical documents relating to the RMA, S/C and CoCa
- Review performance evaluations (predictions and test) of the system to ensure that the RMA meets the expected performance to serve CoCa and guarantee the traceability of requirements.
- Identification and communication of discrepancies in documentation (including internal documentation)
- Analogue electronics support and associated documentation
- Layout of high speed PCBs (would be an advantage)
- Monthly reporting

For this position, a sound track record in the development of complex electronics is expected. Further, experience in managing complex development projects is required; familiarity with space projects and knowledge of the ECSS standards would be an advantage.

Good spoken & written knowledge of English is required. German would be an advantage.

Applications should be sent to Mrs. W. Wang per E-Mail or Mail (wei.wang@unibe.ch, Space Research and Planetary Sciences Division, Physikalisches Institut, University of Bern, Sidlerstrasse 5, CH-3012 Bern). The Project Manager, Mr. T. Beck would be pleased to answer your questions concerning the position and job description via E-mail, Thomas.beck@unibe.ch or Tel: +41 31 684 55 09