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**UNIVERSITÄT  
BERN**

**AEC**  
ALBERT EINSTEIN CENTER  
FOR FUNDAMENTAL PHYSICS

The Laboratory for High Energy Physics (LHEP) and Albert Einstein Center for Fundamental Physics (AEC) at the University of Bern invite applications for a

### **PhD student position in medical applications of particle physics**

The position will be in the framework of our activities at the Bern medical cyclotron. Thanks to its characteristic beam transport line, we are currently developing new particle accelerator and detector methodologies as well as novel isotopes for Positron Emission Tomography (PET).

Candidates for this position are expected to play an active role in our scientific activities, which will involve both hardware work and data analysis. He/She must have a Master degree (or equivalent) in physics and knowledge in the field of nuclear and particle physics applied to medicine. Experience with radiation physics, hardware, data analysis as well as knowledge of programming will be positively considered in the selection procedure.

The position is open January 1st, 2015 until filled and has duration of up to 4 years.

Interested candidates are requested to send by e-mail a letter of application, CV, the list of publications, and the names and addresses of three references (no letters, these will be requested at a later stage) to:

Prof. Dr. Antonio Ereditato  
Director  
Laboratorium für Hochenergiephysik  
Universität Bern  
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[Antonio.Ereditato@lhep.unibe.ch](mailto:Antonio.Ereditato@lhep.unibe.ch)

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