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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

Postdoctoral Position in experimental high-energy collider physics

The LHEP/AEC group is actively involved in the physics program of the ATLAS experiment at the CERN LHC and in pixel detector development for the HL-LHC Phase-II upgrades. The physics interests are focused on the search for new physics beyond the Standard Model, including Supersymmetry, Dark Matter and Lepto-Quarks. In our laboratories we are designing and implementing the electrical-optical signal conversion for the new ITk pixel detector and its readout with the FELIX system. We also operate a large TIER2 grid-computing center for data analysis in Bern.

The successful candidate is expected to play a leading role in the current activities of the group and proactively develop future plans. The share of time is negotiable between research on pixel detector readout and the analysis of data.

Applicants must have a PhD in experimental high-energy physics. Preference will be given to candidates with experience in particle physics detectors, ideally in detector readout and/or silicon pixel detectors and/or a strong background in data analysis of collider data. The initial duration of the contract is for two years, extendable. The position will be located in Bern.

Candidates are requested to send a short letter of application illustrating the research interests and motivation to join our group. Also required are CV, a list of publications, and the names and e-mail addresses of three references. We will ask the references to send letters after an initial selection. The application package has to be sent by email to marcella.esposito@lhep.unibe.ch with subject line "ATLAS PostDoc opening".

The position is open starting June 1st, 2022. The review of applications will start May 7th and continue until the position is filled.

For further information, contact:

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