*** Discussion title: HEP Job Announcements

Deutsches Elektronen-Synchrotron DESY
A Research Centre of the Helmholtz Association

For our location in Hamburg we are seeking:
POSTDOCTORAL RESEARCH ASSOCIATE FOR THE PROJECT
"CLUSTER OF EXCELLENCE QUANTUM UNIVERSE"

DESY
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DESY is one of the world’s leading research centres for photon science, particle and astroparticle physics as well as accelerator physics. More than 2400 employees work at our two locations Hamburg and Zeuthen in science, technology and administration.

The Cluster of Excellence "Quantum Universe" performs research to understand mass and gravity at the interface between quantum physics and cosmology. The research team includes leading scientists from mathematics, particle physics, astrophysics, and cosmology at Universität Hamburg and DESY. Postdoctoral research associates will become members of the Quantum Universe research school (QURS) and through this receive offers for academic training, soft skills, and career planning. In addition, they will receive individual budgets, meant to enable them to attend conferences or other educational and supporting measures. Additional travel money for project-duties will be made available via the hosting research groups. Postdoctoral research associates may participate in the supervision of doctoral students, teaching at the University, and in the organization of the Cluster via an early career council.

The position
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- Data analysis of final states with top-quarks and scalar bosons at the
CMS experiment
- Phenomenological studies to explore extended scalar sectors and connections to Dark Matter
- Detector operation and/or algorithm development at the CMS experiment
- Supervision of PhD students

Requirements
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- PhD in experimental particle physics
- Experience in LHC data analysis and excellent software development skills
- Team ability and very good English language skills

For further information please contact Dr. Alexander Grohsjean
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Please use our online application tool to submit your complete application (Motivation letter, a CV which also details your research accomplishments and a list of your publications) and please arrange for at least three letters of reference to be sent to the DESY human resource department (recruitment@desy.de), clearly stating your name and the position identifier.

The position is limited to 2 years. Salary and benefits are commensurate with those of public service organisations in Germany. Classification is based upon qualifications and assigned duties. Handicapped persons will be given preference to other equally qualified applicants. DESY operates flexible work schemes. DESY is an equal opportunity, affirmative action employer and encourages applications from women. Vacant positions at DESY are in general open to part-timework. During each application procedure DESY will assess whether the post
can be filled with part-time employees.

We are looking forward to your application via our application system: www.desy.de/onlineapplication

Deutsches Elektronen-Synchrotron DESY
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Deadline for applications: 2020/06/01