



EU PhD POSITION.

**DESY, Zeuthen location, is seeking:
EU PhD student position (f/m):
Network SAGEX**

DESY

DESY is one of the world's leading research centres for photon science, particle and astroparticle physics as well as accelerator physics.

The TH-Group at DESY Zeuthen performs higher order calculations in renormalizable quantum field theories and develops associated mathematical and computer algebraic methods and algorithms.

The position

- Research on higher order loop calculations in QCD
- Implementation and development of associated computer algebra and mathematical algorithms
- Cooperation with the group and external partners on the above topics in fulfilling the requirements of work in preparation on a PhD

Requirements

- Completed master study and master thesis
- Very good knowledge of quantum field theories, associated mathematics and skills in computer algebra
- Fluent in English

Further details of the opening are described at: <https://sagex.ph.qmul.ac.uk/>.

Two letters of reference shall be send to Prof. J. Blümlein via e-mail.

The position is limited to 3 years.

We are looking forward to your application quoting the reference code preferably via e-mail to: Johannes.Bluemlein@desy.de

Deutsches Elektronen-Synchrotron DESY

Human Resources Department | Code: FHDO014/2018

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Deadline for applications: 24 June 2018

www.desy.de