Call for 2016 DESY-ONACPR Fellowship Applicants

## **Research Laboratory: DESY (*Please reference to DESY-ONACPR-2016-15)***

### Division/Group: FH/ATLAS

### Supervising scientist: Dr. Ingrid-Maria Gregor Email/Phone: [Ingrid.gregor@desy.de](mailto:Ingrid.gregor@desy.de) (+49 40 8998 3032)

### Research Field: *(HEP) Silicon detector development for the ATLAS experiment*

**Position:** Postdoctoral Research in the ATLAS/DESY group

The DESY/ATLAS group strongly involved in the design and construction of an end-cap for the new silicon strip detector of the ATLAS detector upgrade to be installed at CERN in 2023/2024. We are presently preparing for the construction of the detector by participating in the detector simulation effort and the layout process, by building and testing prototypes and by preparing the needed infrastructure. In addition, we are contributing to electronics developments for the future detector and are active in test beam studies of the prototypes. The successful candidate will be expected to participate in at least one of these activities.

**Research Area:**

**Specific Requirements:**

PhD in particle physics

Experience with silicon detectors

Experience in programming

**Work Place:** Hamburg

**Earliest Start:** December 2017 or later

**Language Requirement:** (please note that we require for all candidates proven records of English, e.g. CAE certificate)

**Further Remarks:**