Call for 2015 DESY-ONACPR Fellowship Applicants

## **Code: DESY/2015/5**

## **Research Laboratory: DESY**

### Division/Group: FH/ATLAS

### Supervising scientist: 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 is planning to build an end-cap for the new silicon strip detector of the ATLAS phase-II detector upgrade which will 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 planning the infrastructure needed for its assembly. In addition we are contributing to the electronics developments for the future detector and are very active in test beam studies of the various 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:** November 2015

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

**Further Remarks:**