Radiation hard semiconductor devices for very high luminosity colliders

Questionnaire

1. Name of the institution and contact person

Please indicate the full address as well as a telephone number and e-mail address for the contact. (Link to your web-page is appreciated.)

Deutsches Elektronen Synchrotron (DESY) www.desy.de

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2. Names of group members and fraction of their time devoted to RD50 activities?

Please indicate the percentage of their time (Full Time Equivalent) dedicated to RD50 activities. The total manpower involved should reach at least 1 FTE (including students).

Ingrid-Maria Gregor (10%) Doris Eckstein (10%) Eda Yildirim (20%) Igor Rubinsky (20%) Thomas Eichhorn (30%) Simon Spannagel (20%)

1. Current research activities?

Upgrades of ATLAS Tracker and CMS Pixel and Tracker detectors

2. Field of interest within the RD50 collaboration?

Full detector systems

- 3. Available resources (Instrumentation, irradiation facilities etc.)
 - -DESY Testbeam Facility incl. Testbeam Telscope Eudet/AIDA style
 - -Access to Probestations at DESY
 - -Detector Lab incl. Probestation (about to be setup) and multi-channel TCT (set up soon to start)
 - -Wire-bonding machines

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