

ABB RESEARCH AWARD IN HONOR OF HUBERTUS VON GRÜNBERG

PURPOSE

The ABB Research Award in Honor of Hubertus von Grünberg's tenure as ABB Chairman is intended to encourage world-class research in ABB's main fields of operation: power and automation, as applied in utilities, industries, and transport and infrastructure. The award recognizes outstanding Ph.D. research, in particular work that makes creative use of software, electronics and/or new materials, to pave the way towards groundbreaking industrial solutions. The award is open to Ph.D. graduates from any university that specializes in power or automation in the areas in question. The award will be presented for the first time in 2016 and thereafter every third year. It was created in honor of Hubertus von Grünberg, who was Chairman of the Board of Directors of ABB from 2007 to 2015.

AWARD

The award will honor the best Ph.D. dissertation within the fields of power and automation, as applied in utilities, industries, and transport and infrastructure. It consists of a \$300,000 personal research grant for post-doctoral research within the scope of power and automation in the areas in question. Recognition will be given to both the Ph.D. student and the supervising professor.

QUALIFICATIONS

The award is open to any student from a qualifying institution who has successfully completed his or her Ph.D. thesis during the three calendar years preceding the award year (i.e. 2013-2015 for the 2016 award).

SELECTION AND JUDGING PROCEDURES

After a pre-selection by a committee of experts, consisting of ABB Research Fellows, the 20 most relevant dissertations will be considered by a panel of judges made up of representatives of the Swiss Federal Institute of Technology (ETH), Zurich; the Massachusetts Institute of Technology (MIT); Tsinghua University, Beijing, China; and Imperial College, London, as well as Dr. Hubertus von Gruenberg and the Chief Technology Officer of ABB. The judges' decision will be final. Although an award is typically made every third year, the judging panel may choose to withhold the award, if it considers that none of the dissertations submitted are of a sufficiently high standard. Among the criteria considered by judges will be the following:

1. *Does the dissertation show a significant degree of new and independent work?*
2. *Is the author sufficiently familiar with the latest knowledge and research in his/her area of study?*
3. *Is the paper technically correct and accurate?*
4. *Does the author demonstrate ingenuity and resourcefulness in methods of presentation, choice of illustrations, use of analogies and the like?*
5. *Is the quality and clarity of the work at a sufficiently high level?*
6. *Is the supervisor's letter of recommendation sufficiently supportive of the research in question?*
7. *Is the quality of the post-doctoral project proposed of a sufficiently high standard?*

PRESENTATION OF AWARD

The ABB Research Award in Honor of Hubertus von Grünberg will be presented every third year at ABB's head office in Zurich, Switzerland. Recognition of the recipient will be via an ABB press release, which will also be published on ABB's website. The recipient will be invited to give a presentation to ABB's research community in one or more countries, and will be given the opportunity to make a contribution to ABB's corporate technical journal, the ABB Review.

REQUIREMENTS

Please visit for more information <http://new.abb.com/hvg-award>.

Zurich, April 30th, 2015

ULRICH SPIESSHOFER

Chief Executive Officer

CLAES RYTOFT

Chief Technology Officer