



Press Release

EDAA Outstanding Dissertations Award 2009

Leuven, January 31, 2010. In recognition of the importance of university research to the advancement of design, automation and test, and to encourage young researchers to work in the field, the European Design and Automation Association (EDAA) has established an award for outstanding Ph.D. dissertations.

Four categories have been considered in 2009:

Topic 1 – New directions in embedded system design and embedded software

Topic 2 – New directions in logic and system design

Topic 3 – New directions in physical design, design for manufacturing and CAD for analogue circuits and MEMS

Topic 4 – New directions in circuit and system test

An open call for nominations was organized. The awards are open to young researchers from any country. The dissertations must have been finalized in the last 2 years before the submission deadline. The nominations had to include

- An extended statement explaining the outstanding contributions of the thesis,
- The PhD thesis, preferably in English,
A thesis written in a language other than English must have been accompanied by sufficient published material in English so that the jury could judge the contributions and quality of the PhD work,
- A CV and a list of related publications.

The nominations had to be supported by at least 2 reference letters of experts in the respective fields, at least one from a different university.

In 2009 EDAA has received a total of 30 submissions.

In each category a committee of at least 4 international experts evaluated all nominations. Finally, in each category one award was given. Each award consists of a 1 000 € prize and a certificate.

The 2009 winners will be awarded at the DATE 2010 Conference and Exhibition, to be held March 8-12 in Dresden, Germany. The 2009 winners are respectively:

- Topic 1: **Dr. Arne Hamann** (Technische Universität Braunschweig, Germany), title: "Iterative design space exploration and robustness optimization for embedded systems". Advisor: Prof. Rolf Ernst and Lothar Thiele.
- Topic 2: **Dr. Ben Jamaa Mohamed Haykel** (EPFL, Switzerland), title "Fabrication and design of nanoscale regular circuits". Advisors: Prof. Giovanni de Micheli and Yusuf Leblebici.
- Topic 3: **Dr. Trent McConaghy** (Katholieke Universiteit Leuven, Belgium), title: "Variation-aware structural synthesis and knowledge extraction of analog circuits". Advisor: Prof. Georges Gielen.
- Topic 4: **Dr. Smita Krishnaswamy** (University of Michigan, USA), title: "Design, analysis and test of logic circuits under uncertainty". Advisors: Prof. John Hayes and Igor Markov.

In addition, SPRINGER will publish these awarded dissertations in the EDAA Outstanding Monographs series.

More information:

<http://www.edaa.com/>

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EDAA is a non-profit association. Its purpose is to operate for educational, scientific and technical purposes for the benefit of the international electronics design and design automation community. The Association, in the field of design and design automation of electronic circuits and systems, promotes a series of high quality technical international conferences and workshops across Europe and cooperates actively to maintain harmonious relationships with other national and international technical societies and groups promoting the purpose of the Association. EDAA is the main sponsor of DATE, the premier Design, Automation and Test Conference and Exhibition in Europe.