



Press Release

EDAA Outstanding Dissertations Award 2012

Oldenburg, February 15, 2013. 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 2012:

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 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 2012 EDAA has received a total of 28 submissions from around the world. In each category a committee of international experts evaluated all nominations and selected the final winner. Each award consists of a 1000 €prize and a certificate.

The 2012 winners have been selected by a high level jury: Prof. Günhan Dündar, Prof. Sybille Hellebrand, Prof. Alberto Macii, Prof. Stefan Kowalewski. They will be awarded at the DATE 2013 Conference and Exhibition, to be held March 18-22 in Grenoble, France (www.date-conference.com). The 2012 winners in the 4 categories are respectively:

- Topic 1: **Björn B. Brandenburg, PhD** (University of North Carolina at Chapel Hill, USA); Thesis: "Scheduling and Locking in Multiprocessor Real-Time Operating Systems"; Advisor: Prof. James H. Anderson
- Topic 2: **Dr. Guangyu Sun** (Penn State University, USA); Thesis: "Exploring Memory Hierarchy Design with Emerging Memory Technologies"; Advisor: Prof. Yuan Xie
- Topic 3: **Dr. Rani S. Ghaida** (UCLA, Los Angeles, USA); Thesis: "Design Enablement and Design-Centric Assessment of Future Semiconductor Technologies"; Advisor: Prof. Puneet Gupta
- Topic 4: **Dr. Xiao Liu** (The Chinese University of Hongkong, Hongkong); Thesis: "Trace-Based Post-Silicon Validation for VLSI Circuits"; Advisor: Prof. Qiang Xu

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.