



Press Release

EDAA Outstanding Dissertations Award 2014

Oldenburg, February 06, 2015. 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 2014:

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 2014 EDAA has received a total of 44 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 2014 winners have been selected by a high level jury: Prof. Günhan Dünder, Prof. Petru Eles, Prof. Sybille Hellebrand, Prof. Alberto Macii. They will be awarded at the DATE 2015 Conference and Exhibition, to be held March 9 - 13 in Grenoble, France (www.date-conference.com). The 2014 winners in the 4 categories are respectively:

- Topic 1: **Nan Guan, Ph.D.** (Uppsala University, Sweden; Advisor: Prof. Wang Yi) Thesis: "*New Techniques for Building Timing-Predictable Embedded Systems*"
- Topic 2: **Zhenyu Sun, Ph.D.** (University of Pittsburgh, USA; Advisor: Prof. Hai Li); Thesis: "*High-Performance and Low-Power Magnetic Material Memory Based Cache Design*"
- Topic 3: **Bei Yu, Ph.D.** (University of Texas at Austin, USA; Advisor: Prof. David Z. Pan); Thesis: "*Design for Manufacturing with Advanced Lithography*"
- Topic 4: **Brandon Robert Noia, Ph.D.** (Duke University, USA; Advisor: Prof. Krishnendu Chakrabarty); Thesis: "*Design-for-Test and Test Optimization Techniques for TSV-based 3D Stacked ICs*"

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

More information:

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

Wolfgang Nebel, EDAA Vice-Chair, nebel@offis.de

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.