



Press Release

EDAA Outstanding Dissertations Award 2010

Leuven, February 9, 2011. 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 2010:

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 2010 EDAA has received a total of 21 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 2010 winners will be awarded at the DATE 2011 Conference and Exhibition, to be held March 14-18 in Grenoble, France (www.date-conference.com). The 2010 winners in the 4 categories are respectively:

- Topic 1: **Dr. Lars Bauer** (University of Karlsruhe, Germany), title: "RISSP: a run-time adaptive reconfigurable embedded processor". Advisor: Prof. Jörg Henkel.
- Topic 2: **Dr. Ajay Kumar Verma** (EPFL, Switzerland), title "Pre-synthesis optimization of arithmetic circuits". Advisor: Prof. Paolo Ienne.
- Topic 3: **Dr. Dirk Koch** (University of Erlangen-Nürnberg, Germany), title: "Architectures, methods and tools for distributed run-time reconfigurable FPGA-based systems". Advisor: Prof. Jürgen Teich.
- (ex aequo) **Dr. David Papa** (University of Michigan, USA), title: "Broadening the scope of multi-objective optimizations in physical synthesis of integrated circuits". Advisor: Prof. Igor Markov.
- Topic 4: **Dr. Ho Fai Ko** (McMaster University, Canada), title: "New algorithms and architectures for post-silicon validation". Advisor: Prof. Nicola Nicolici.

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

More information:

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

Georges GIELEN, EDAA Vice-Chair, gielen@esat.kuleuven.be

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.