



Press Release

EDAA Outstanding Dissertations Award 2015

Lausanne, February 9th, 2016. 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 2015:

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 two reference letters of experts, and at least one from a different university.

In 2015 EDAA has received a total of 38 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 2015 winners have been selected by a high level jury composed by Prof. Lorena Anghel, Prof. José L. Ayala, Prof. Yao-Wen Chang, Prof. Giorgio Di Natale, Prof. Nikil Dutt, Prof. Rolf Ernst, Prof. Georges Gielen, Prof. Helmut Graeb, Prof. Jörg Henkel, Prof. Farinaz Koushanfar, Prof. Igor Markov, Prof. Sani Nassif, Prof. Gabriela Nicolescu, Prof. Frédéric Pétrot, Prof. Donatella Sciuto, Prof. Olivier Sentieys, and Prof. Lothar Thiele. They will be awarded at the DATE 2016 Conference and Exhibition, to be held March 14 - 18 in Dresden, Germany (www.date-conference.com). The 2015 winners in the 4 categories are:

- Topic 1: **Abbas Rahimi, Ph.D.** (University of California, San Diego, USA; Advisor: Prof. Rajesh K. Gupta and Prof. Luca Benini) Thesis: “*From Variability-Tolerance to Approximate Computing in Parallel Computing Architectures*”.
- Topic 2: **Luca Gaetano Amarú, Ph.D.** (Swiss Federal Institute of Technology in Lausanne - EPFL, Switzerland; Advisors: Prof. Giovanni De Micheli and Prof. Andreas P. Burg); Thesis: “*New Data Structures and Algorithms for Logic Synthesis and Verification*”.
- Topic 3: **Xiaoming Chen, Ph.D.** (Tsinghua University, China; Advisor: Prof. Huazhong Yang); Thesis: “*Algorithm Parallelization and Architecture Optimization for Irregular Problems*”.
- Topic 4: **David Hai Lin, Ph.D.** (Stanford University, USA; Advisor: Prof. Subhasish Mitra); Thesis: “*QED Post-Silicon Validation and Debug*”.

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

More information: _

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

David Atienza Alonso, EDAA Vice-Chair

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.