13th International Conference on
Synthesis, Modeling, Analysis and Simulation Methods and Applications to Circuit Design

SMACD'16 COMPETITION

27-30 June Lisbon, Portugal

A $1,000 prize will be granted to the winner of the competititon!

PRIZE CO-SPONSORED BY: CEDA®
IEEE Council on Electronic Design Automation

Following the recent editions of the SMACD Conference, **SMACD 2016** will hold an event where **MSc** and **PhD students** can compete with their **best ideas**, **methodologies**, **flows** and **tools** with one unique but challenging goal: **"Improve design automation for analog, mixed-signal, RF, and multi-domain (MEMs, nanoelectronic, optoelectronic, biological, etc.) integrated circuits and systems!"**

To enter the Competition all participants must submit a paper (following the SMACD 2016 submission guidelines) with a clear description of their methodology and/or tool, the design problem of their choice, and the solution provided by the methodology and/or tool. **The first author of the submission and presenter at the conference must be a MSc or a PhD student!**

Evaluation Criteria

A Judging Committee will select the winner(s) based on the **quality of the paper**, **of its presentation at the conference** and the **live demonstration**, using the following criteria:

☐ Complexity of the problem posed in the paper.

☐ Level of automation (fully automated, semi-automated).

☐ Designer interface (problem design setup, result analysis).

☐ Robustness of the solutions (accounts for mismatching, parasitics, LVS/DRC check).

☐ Degree of integration with commercial design suites and design methodologies (import and export data from these suites, usability in one or more steps of current design flows).

Important Notes

☐ All accepted submissions in the competition will be presented by the students in a special session at the conference and **published in the conference proceedings.**

☐ The presenters are encouraged to perform a **Live Demo!** SMACD organization guarantees internet connection to all participants but required **CAD tools or Design kits licensing is responsibility** of each participant.

Dates

Paper Submission Deadline **EXTENDED**: **18th Mar 2016**
Author Notification: **15th Apr 2016**
Camera Ready Paper Submission: **30th Apr 2016**

Contacts
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