

SMACD 2017

12-15 June 2017
Giardini Naxos - Taormina, ITALY

COMPETITION

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

PRIZE CO-SPONSORED BY:



Following recent editions of the SMACD Conference, SMACD 2017 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: **“Improving design automation for integrated circuits and systems”**
Topics of interest include modeling, simulation and synthesis for analog, mixed-signal, RF, multidomain (such as MEMS, nanoelectronic, optoelectronic, biological).

To enter the competition

Following SMACD 2017 submission guidelines,

all participants must submit a paper with:

- a description of the methodology and/or tool;
- the design problem of their choice;
- the solution provided by their 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 demo, using the following criteria:

- **Complexity** of the problem posed in the paper.
- **Robustness** of the design solutions (e.g., against parasitics, variability, ...) and of the proposal itself (e.g. convergence, insensitivity to input and/or starting values, ...).
- Level of **automation** (e.g., fully automated, semi-automated, ...).
- Designer **interface** (e.g., problem design setup, result analysis, ...).
- **Applicability** of the proposal (e.g., general approach or restricted to special problems, circuit classes or sizes, ...).
- **Integration** degree with commercial design suites and design methodologies (e.g., 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 and **published in the conference proceedings**.
- The presenters are required to perform a **live demo**. SMACD organization guarantees internet connection to all participants but required **CAD tools or design kits licensing is in responsibility of each participant**.

Important Dates

| | |
|-------------------------|---------------------------|
| Paper Submission | 17 th Feb 2017 |
| Author Notification | 1 st Apr 2017 |
| Camera Ready Submission | 15 th Apr 2017 |
| Early Registration | 15 th Apr 2017 |

Contacts

URL: <http://smacd2017.unisa.it/>

e-mail: smacd2017@unisa.it

twitter or facebook: [@PRIMEandSMACD17](#)



.DIEM