



jointly organized by: **University of Cassino, Italy**
University of Naples "Federico II", Italy

16th IEEE Workshop on Signal and Power Integrity

Title history: (1997-2011) Workshop on Signal Propagation on Interconnects

Supported by
CREATE Consortium
Naples



SPI 2012

13-16 MAY 2012, SORRENTO (ITALY)



IEEE



— Sponsored by IEEE Components, Packaging and Manufacturing
Technology Society
— Technically co-sponsored by IEEE Electromagnetic
Compatibility Society



website, www.spi2012.org

run, 13-16 May, 2012

venue,
Grand Hotel Parco dei Principi, Sorrento, Italy

deadlines

Submission of manuscripts:
January 31st, 2012

Notification of acceptance:
February 28th, 2012

Workshop chairman

Antonio Maffucci

University of Cassino, Italy
maffucci@unicas.it

Program Chair

Giovanni Miano

University of Naples "Federico II", Italy
miano@unina.it

Secretariat

Mariella Vetrano

CREATE Consortium, Italy
tel: +39 0817683243
m.vetrano@create.unina.it

16th IEEE Workshop on Signal and Power Integrity

CALL FOR PAPERS

During the last fifteen years, this Workshop has been developed into a forum of exchange where world class developers and researchers share and discuss leading edge results in the field of interconnect modeling, simulation and measurement at chip, board, and package level. The workshop is also meant to bring together developers and researchers from industry and academia.

In view of the last years success, the Committee is looking forward to the 16th Edition, convened at the Grand Hotel Parco dei Principi in Sorrento, with extraordinarily stunning views of the sea. The symposium will include both oral and poster sessions. A number of prominent experts will be giving tutorials on areas of emerging interest.

TOPICS

- Signal Integrity
- High-speed interconnects and high-speed channels
- Power Integrity/ Ground Noise
- Power Distribution Networks
- Electronic packages and Microsystems
- 3D technologies for ICs and packages
- RF, Microwave packaging and mixed signal systems
- Nano-Interconnects and nano-structures
- Electromagnetic Theory and Modeling
- Transmission Line Theory and Modeling
- Macro-Modeling, reduced-order models
- Advanced Simulation Tools for Signal and Power Integrity
- Electromagnetic Compatibility
- Coupling Effects on Interconnects
- Radiation & Interference
- Testing & Interconnects
- Time and Frequency Domain Measurement Techniques

WORKSHOP STANDING COMMITTEE

- Uwe Arz, Physikalisch-Technische Bundesanstalt, Braunschweig (GER)
- Flavio G. Canavero, Politecnico di Torino, Torino (ITA)
- Hartmut Grabinski, Leibniz University, Hannover, (GER)
- Michel S. Nakhla, Carleton University, Ottawa (CAN)
- José E. Schutt-Ainé, Univ. of Illinois at Urbana-Champaign, Urbana (USA)
- Madhavan Swaminathan, Georgia Institute of Technology, Atlanta (USA)