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The 2nd international ACTEA'12 conference will be held at Notre Dame University in Zouk Mosbeh (18 km north of Beirut), during the week of Dec. 12-15, 2012. The benefits of using computer simulations in production and research are indisputable, and involve more efficient utilization of resources and its resulting cost saving. The program of the conference ACTEA'12 aims at bringing together researchers and companies, and providing a common platform for researchers and engineers involved in computational tools to advance the state of knowledge by sharing research results and pioneering views about recent trends and developments. ACTEA'12 is technically co-sponsored by IEEE Region 8 and IEEE Lebanon Section.

Engineering applications of interest include, but are not limited to

- Analog and Mixed Signals
- Biomedical Circuits and Systems
- CAD and Design Simulation tools
- Computational Electromagnetic
- Computer Architecture and Memories
- Control Systems, and Robotics
- Embedded and Systems Architectures
- FPGA
- Green Electronics
- Image and Signals Processing
- Linear and Non-linear Circuits and Systems
- Low-Power Techniques
- Multimedia Systems
- Neural Networks
- Parallel Simulation and Processing
- Photonics and Optical Systems
- Power Electronics
- Telecommunications, Microwaves and RF
- Test and Verification
- VLSI Systems

Dates and Deadlines:

Submission of extended abstract (minimum 2 pages) : **July 13, 2012**
Notification of acceptance : **September 14, 2012**
Deadline for submission of camera-ready paper : **November 9, 2012**

Information

- The working language of the conference is English.
- The conference will include keynote speakers, tutorials, regular paper presentations and a professional exhibition.
- Paper submission and review will be done through EDAS website <http://www.edas.info/12799>
- The works must be original and unpublished.
- Accepted papers will be published in the CD-ROM conference proceedings of ACTEA'12 and will also be indexed on IEEE Xplore.
- At least one of the authors of the accepted paper must register in the conference and present the paper.
- For more information consult the conference website: <http://www.ndu.edu.lb/actea12>

Venue

The conference will be held at Notre Dame University in Zouk Mosbeh (18 km north of Beirut), a lovely place squeezed between the Mediterranean sea and the cavernous Jeita Grotto which is one of the most impressive subterranean displays of stalactites and stalagmites of the planet. ACTEA'12 offers the opportunity to explore Lebanon with its legendary hospitality, natural and touristic sites, and its delicious food; it is indeed a unique place to visit. The area offers some of the best of Lebanon in hotels, restaurants, shopping centers, theaters, cinemas, art galleries, and sand beaches.

