



Faculty of Engineering



ACTEA 2009

Conference on Advances in Computational Tools for Engineering Applications

July 15 -17, 2009

<http://www.ndu.edu.lb/actea09>

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Computational tools are evolving rapidly as computers are being applied to a wide variety of engineering fields and disciplines. The benefits of using computer simulations in production and research are indisputable, and involve more efficient utilization of resources and its resulting cost saving. **ACTEA 2009** 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 2009** is technically co-sponsored by the **IEEE** Lebanon Section.

Engineering applications of interest include, but are not limited to

Control & Automation

Control Systems, Mechatronics, Robotics, Computer Aided Manufacturing.

Electrical & Computer Technologies

Electromagnetics, Microelectronics, Power Electronics, Power System Analysis, FPGA, Semiconductor and Optoelectronic Devices, Communication and Signal processing, Software Tools for Engineering Education.

Energy & Environment

Energy Technologies, Renewable Energy, Thermal and Fluid Sciences, Pollution, Traffic and Transportation Engineering, Urban Environment, Hydraulics and Hydrology.

Engineering Design

Design of Geotechnical Projects, Structural Design and Analysis, Sustainable Design, Engineering Mechanics, Sciences of Materials, Mechanical Design, Biomedical Systems, Project Management.

Important Deadlines

Submission of extended abstract (up to 500 words)	March 1, 2009
Notification of acceptance	April 15, 2009
Deadline for submission of camera-ready paper	May 15, 2009

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/7181> The works must be original and unpublished.
- Accepted papers will be published in the CD-ROM conference proceedings of **ACTEA 2009** and will also be published 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/actea09>

Call for Exhibitors and Workshops

ACTEA 2009 will feature a technical exhibition which will be an opportunity for industry to exhibit simulation and computational tools, and related products. We also solicit workshop proposals on new and emerging topics in computational tools in various engineering fields. For workshop proposal submission and exhibitor information, contact the conference coordinator at actea09@ndu.edu.lb by April 15, 2009.

Location

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 2009** 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.



Celebrating 125 Years of Engineering the Future

Call for Papers