3rd (extended submission) Call for Papers

International Conference
KTH, Stockholm, Sweden
Remote Engineering & Virtual Instrumentation
REV

REV 2010

International Conference on

Remote Engineering & Virtual Instrumentation

[www.rev-conference.org/REV2010]

June 29 – July 2, 2010 where the first day is devoted to a social outdoor event

KTH – Royal Institute of Technology, Stockholm, Sweden

REV 2010 is the seventh in a series of annual events concerning the area of remote engineering and virtual instrumentation. The REV conferences are the annual conferences of the International Association of Online Engineering (IAOE) (www.online-engineering.org). REV2010 will be held at Kungliga Tekniska Högskolan (Royal Institute of Technology, KTH) in Stockholm. The general objective of this conference is to demonstrate and discuss fundamentals, applications and experiences in the field of remote engineering and virtual instrumentation. With the globalization of education the interest in and need of teleworking, remote services and collaborative working environments now increases rapidly. Another objective of the symposium is to discuss guidelines for education in university level courses for these topics. REV 2010 offers an exciting technical program as well as academic networking opportunities during the social events.

Topics of Interest

Topics of the conference will include (but are not limited to): Virtual and remote laboratories ▪ Remote process visualization and virtual instrumentation ▪ Remote control and measurement technologies ▪ Online engineering ▪ Networking and grid technologies ▪ Mixed-reality environments for education and training ▪ Education and operation interfaces ▪ usability, reusability, accessibility ▪ Demands in education and training, e-learning, blended learning, m-learning, and ODL ▪ Open educational resources (OER) ▪ Teleservice and telediagnosis ▪ Telerobotics and teleprescence ▪ Support of collaborative work in virtual engineering environments ▪ Teleworking environments ▪ Telecommunities and their social impacts ▪ Present and future trends, including social and educational aspects ▪ Human computer interfaces, usability, reusability, accessibility ▪ Innovative organizational and educational concepts for remote engineering ▪ Applications and experiences ▪ Standards and standardization proposals ▪ Products.

Posters / thematic workshops / tutorials / technical sessions, as well as interactive demonstrations and exhibitions, may also be proposed. Prospective organizers of other REV2010 events are encouraged to contact the conference chair.

Key note speakers

At this moment the following key note speakers have confirmed their attendance at the conference:

- Prof. Anders Flodström, Chancellor of Swedish Universities
- Prof. Anette Kolmos, President SEFI
- Prof. Sabina Jeschke, RWTH Aachen University
- Prof. Ingvar Gustavsson, BTH – Blekinge Institute of Technology
- Prof. Johan Thorbiörnson, KTH Virtual Campus and Resource Centre for Netbased Education
- Prof. Torsten Fransson, KTH - Energy Technology

Examples of demonstrations, workshops, and tutorials

VISIR - Virtual Instrument Systems In Reality (Blekinge Institute of Technology, National Instruments)
Communication Lecture Room (KTH)
Power meters and sensors, handheld instruments, IO/VEE, audio, video (Agilent Technologies)

Conference Venue

The conference will take place at the KTH main campus situated in metropolitan Stockholm, with the central part of Stockholm 15 minutes walking away (with subway 5 minutes) but also on the boarder of a large park area.

Important Dates

- March ~~19~~ 27, 2010 Submission extended
- April 12, 2010 Notification of acceptance
- April 30, 2010 Author registration deadline
- June 11, 2010 Camera-ready due

Conference language

English

Proceedings

The proceedings will be published on CD by the International Association of Online Engineering (IAOE).
Interesting papers may be published in the International Journal of Online Engineering (iJOE), www.online-journals.org/i-joe/.

Travel Information

For local travel information, accommodation and social program opportunities, please visit the conference web site at www.rev-conference.org/REV2010.
Further information about KTH is available at www.kth.se.
Information about Stockholm and Sweden can be found at beta.stockholmtown.com/en/, www.sweden.se/ and at www.si.se/English/.

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