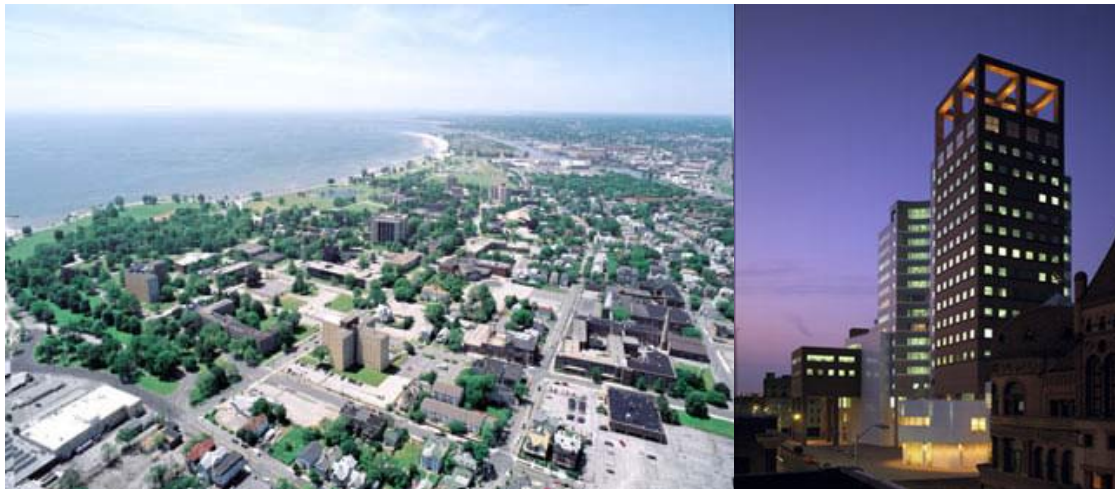


6th International Conference on Remote Engineering and Virtual Instrumentation

22-25 June 2009, Bridgeport, CT, USA

REV2009 is the sixth in a series of annual events addressing the area of remote engineering and virtual instrumentation. Previous editions of REV were organised in the form of an international symposium, which from 2007 assumes the role of the annual conference of the International Association of Online Engineering (www.online-engineering.org). The general objective of this conference is to discuss fundamentals, applications and experiences in the field of online engineering, both in industry and academia. REV 2009 offers an exciting technical program as well as academic networking opportunities during the social event on June 22 & 23.



Scope of the conference

Remote Engineering and Virtual Instrumentation are very future trends in engineering and science. Due to:

- the growing complexity of engineering tasks,
- more and more specialized and expensive equipments as well as software tools and simulators,
- the necessary use of expensive equipment and software tools/simulators in short time projects,
- the application of high tech equipment also in SME's,
- the need of high qualified staff to control recent equipment,
- the demands of globalization and division of labour,

It is increasingly necessary to allow and organize a shared use of equipment, but also specialized software as for example simulators. Organizers especially encourage people from industry to present their experience and applications of remote engineering and virtual instruments.

The general objective of this conference is to discuss fundamentals, applications and experiences in the field of remote engineering and virtual instrumentation. The use of virtual and remote laboratories is one of the future directions for advanced teleworking, remote service and e-working environments. Another objective of the symposium is to discuss guidelines for education in university level courses for this topic.

This conference will be organized by School of Engineering at University of Bridgeport

Topics of interest 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
- Demands in education and training, e-learning, b-learning, m-learning and ODL
- Teleservice and tediagnosis
- Telerobotics and telepresence
- Support of collaborative work in virtual engineering environments
- Teleworking environments
- Telecommunity and their social impact
- Present and future trends including social and educational aspects
- Human computer interfaces, usability, reusability,accessibility
- Applications and experiences
- Standards and standardization proposals
- Innovative organizational and educational concepts for remote engineering
- Products

Types of sessions

- **Full Paper sessions** (peer reviewed)
- **Interactive demonstrations** (online demonstrations or lectures from a remote location are also welcome)
- **Poster sessions**
- **Discussion panels**
- **Tutorials**
- **Keynote talks**

Other opportunities to participate

Thematic workshops / tutorials / technical sessions, as well as interactive demonstrations and exhibitions, may also be proposed. Prospective organisers of other REV2009 events are encouraged to contact the Conference Chair. It is intended to broadcast all technical sessions via Internet.

Conference language

English.

Proceedings

The proceedings will be published on CD with ISBN.

Submission of papers

The abstracts should be submitted online using your personal [conference administration account](#). If unable to submit the abstract electronically, please contact the chair.

Proposals for demonstrations, tutorials and workshops also may be submitted to:

registration@rev2009.org

Important dates

April 06, 2009 : Submission of proposals for thematic sessions, demos, workshops

April 24, 2009: Notification of acceptance

May 22 , 2009: Camera-ready due

June 22-25 , 2009: Conference date