

REV 2012 is the ninth 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) (<http://www.online-engineering.org>). REV2012 will be organised in Bilbao by the University of Deusto. 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 2012 offers an exciting technical program as well as academic networking opportunities during the social events.

Topics of Interest

Topics of the conference 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 telepresence • 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 • Standards and standardization proposals • Products • Military wireless applications • Information security • Telemedicine • Renewable energy • Applications and experiences.

Proceedings

Interesting papers may be published in the International Journal of Online Engineering (iJOE), www.online-journals.org/i-joe/. **Indexed by IEEEXplore**

PRELIMINARY PROGRAM

Wednesday 4th:

Morning: GOLC Meeting

Afternoon: Open ceremony, Keynote, Technical sessions. City Hall Tour.

Thursday 5th:

Industry Day: seminars, courses and presentations. National Instruments, Agilent, FESTO, Digilent, EMONA, Certificates of attendance will be given.

Poster and Technical Sessions.

Exhibition Session. Best project/product running.

Boat Tour by the River. Gala Dinner in the Yatch Club. Fiesta.

Friday 6th:

Keynote and Technical sessions.

Closing ceremony. Best paper award.

Saturday 7th:

Tour Visit to the wine cellars in La Rioja.

Guggenheim Museum Visit.

Presentation of two books:

“Internet accessible remote laboratories” by IGI press and “Using remote labs in education” by U.Deusto.

Invited Speakers:

Carissa Bohus (1995 Pioneer Remote Lab), David Boehringer, Teresa Restivo&Gustavo Alves, Manuel Castro.

Important Dates

- March 16, 2012 – Submission deadline
- April 20, 2012 – Notification of acceptance
- May 18, 2012 – Author registration deadline
- June 15, 2012 – Camera-ready due

Travel Information

Information in www.turismoa.euskadi.net/, www.bilbao.net/bilbaoturismo. Have look to http://www.youtube.com/watch?v=kU3REcHUI64&feature=player_embedded

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