International Conference

Porto/Portugal

Remote Engineering & Virtual Instrumentation



Call for Participation

REV2007 [www.eu-lab.net/rev] | June 25-27







Phot. by Virgínio Moutinho [http://www.virginiomoutinho.com/fotografia.html]

Conference summary

REV2007 is the fourth of 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 in 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. REV2007 combines an exciting technical program with opportunities to network with other researchers during the social events of June 23-24.

Conference activities

REV'07 offers an exciting 3-day technical program (for further information please visit the conference web site at http://eu-lab.net/rev):

- 1. Monday June 25th: This pre-conference day includes an excellent set of tutorials that will be presented by academic and industrial experts. The tutorial program offers a first-rate opportunity to update your knowledge about open-source and commercial technologies and tools for remote engineering and virtual instrumentation. Because a conference is a privileged forum to discuss research cooperation, an *FP7&more proposals brainstorming session* is offered on Monday afternoon. Partnership opportunities by established and newly formed consortia will be the publicised and discussed, offering an excellent opportunity to become involved in EU projects, or to reinforce your involvement if it already exists.
- 2. Tuesday June 26th and Wednesday June 27th: The two main conference days offer a rich spectrum of technical sessions, comprising full papers, posters, and keynote talks. The keynotes will address state-of-the-art visions in the US and EU academic / industrial worlds: Prof. Jesus del Alamo (Massachusetts Institute of Technology, US): MIT iLabs: Towards a Community of Internet Accessible Laboratories; Dr. Ulrich Karras (Festo Didactic GmbH & Co. KG): Blended Learning for Industry Visions, Concepts, Realizations; Dr. Peter Scott (KMI, Open University, UK): Innovative Learning Technologies: A Glimpse of the Future; Mr. Philipp Krauss (National Instruments): Enhancing Technology Education; Mr. Stefan Kopp (Agilent Technologies), LXI Test Engineering in High Gear. In parallel with the three conference days, an exhibition hall will display products and project results.

The conference closes with a Best Paper Award ceremony. This distinction is a symbol of our commitment to build a high quality technical program, making sure that your valuable time will be well spent in REV'07.

Social activities



Communities of research are largely built upon personal relations, and REV'07 will provide ample opportunities to enhance your portfolio of professional contacts. If you are able to arrive on Saturday June 23rd, you'll be able to network with other researchers during the social program planned for the weekend. St. John's evening (June 23rd-24th) is a landmark of Porto, and right upon your arrival you'll have an opportunity to see for yourself what *The Guardian* considers "one of Europe's liveliest street festivals".

The social program for Sunday June 24th comprises a trip to the true heart of the Port Wine region – Lunch on Sunday will be served at the Quinta São Domingos, a Port Wine farm up river, about 150 Km from Porto (see picture on the right).

Conference venue and travel information

With a history that goes back more than a thousand years, Porto is Portugal's second largest city. Situated by the seaside at approximately 320 Km from Lisbon, it is the centre of a thriving region that also provides exciting cultural activities in areas like music, contemporary art and photography. The city of Porto offers a modern network of public transportation. Its large airport, just recently built, provides daily connections to major European cities and also to several transatlantic destinations, both via full-fledged and low-cost companies (Ryanair and Air Berlin fly daily from several European locations). The airport is served by a modern metro network that brings the visitors to the city centre in 27 minutes. The average temperatures in June range from 13 °C (56 °F) to 21 °C (64 °F).



The conference will be held at FEUP (http://www.fe.up.pt), the engineering school of the University of Porto. Located in a new campus since 2000, FEUP provides undergraduate and post-graduate studies in various areas of engineering to approximately 6.000 students. The school is actively involved in national and international research projects, many of them in direct collaboration with industry. FEUP is served by the yellow metro line (stops Polo Universitário, IPO or Hospital de São João), and can be reached from the city centre in less than 15 minutes.

For accommodation and other local travel information, please visit the conference web site at http://eu-lab.net/rev. Further information about Porto is also available from http://www.portocvb.com and www.portoturismo.pt/en.

Organizing committee

General chair

J. M. Martins Ferreira, University of Porto (FEUP)

Steering Committee

M. Auer, Carinthia Tech Institute K. Jezernik, University of Maribor D. Ursutiu, University Transylvania

Program Chair

Teresa Restivo, University of Porto (FEUP)

Tutorials Chair

Jaime Villate, University of Porto (FEUP)

Local Arrangements Chair

Manuel Gericota, Inst. Sup. Engenharia Porto

African Liaison

Fikile Mazibuko, University of KwaZulu-Natal

Asian Liaison

Linmi Tao, Peking University

Latin-American Liaison

Carlos E. Pereira, Univ. Fed. Rio Grande Sul

North-American Liaison

T. M. Sobh, University of Bridgeport

Oceanian Liaison

Cathy Gunn, Auckland University

Program Committee

A. Y. Al-Zoubi, Princess Sumaya University A. Pester, Carinthia Tech Institute

C. Bouras, University of Patras

C. Samoila, University Transylvania Brasov

D. Gillet, École Pol. Féd. Lausanne
 D. Müller, University of Bremen

E. Babulak, University of Quebec H. Ernst, Pemstar

I. Grouth, University of Limerick

J. Bedaux, University of Amsterdam

J. Garcia-Zubia, University of Deusto

J.-P. Taboy, Inst. Nat. Sciences Appl. Lyon

J. Ros, Polytechnic Univ. of Catalonia

L. MacKinnon, University of Abertay
M. Cooper, Open University

M. Callaghan, University of Ulster

N. Hine, University of Dundee

O. Graven, Buskerud University College O. Toader, University of Michigan

O. Toader, University of Michigan

P. Krauss, National Instruments Munich

R. Munteanu, Tech. University of Cluj-Napoca

R. Langmann, Univ. Appl. Sciences Dusseldorf

R. Safaric, University of Maribor

R. Simon, M+W Zander Facility Eng. GmbH

T. Wösch, Siemens AG

V. Tarassenko, National Technical Univ. Kiev

National Organising Committee

Carlinda Leite, Universidade do Porto
Carlos Cardeira, Instituto Superior Técnico
Eugénio Ferreira, Universidade do Minho
Isabel Carvalho, Inst. Sup. Engenharia Lisboa
José Paulo Santos, Universidade de Aveiro
José Salvado, Esc. Sup. Tecn. Castelo Branco
Lígia Ribeiro, Universidade do Porto
Luís Gomes, Universidade Nova de Lisboa
M. Gameiro Silva, Universidade de Coimbra