International Conference on
e-Learning and the Knowledge Society
e-Learning'10

On August 26 and 27 at the Riga Technical University hosted the sixth in turn **International Conference on e-Learning and the Knowledge Society e-Learning'10.** Patrons of the conference are the European Commission through its Life-Long Learning Programme. Only papers with two favourable reviews from members of the Programme Committee, which includes leading scientists from around the Europe, were accepted.

The Plenary Session was opened with a greeting address from the Vice Rector on Academic Affairs **Prof. DSc Uldis Sukovskis**

The Plenary Session comprised of the following papers:

- Business Process Management (BPM) – A Pathway for IT-Professionalism in Europe
  Jan vom Broke, University of Liechtenstein
- MIPITS and IKAS – Two Steps towards
  Truly Intelligent Tutoring System Based on Integration of Knowledge Management and Multiagent Techniques
  Janis Grundspenkis, Riga Technical University

After the Plenary Session the participants took a tour around the Riga Technical University, and had a social evening in the LIDO Recreation Centre.

The papers, a total of 34, were allocated in three sections:
- e-Learning – The developed tools and solutions - 11;
- e-Learning – Development, Assessment, Use - 12;
- Experience and Approaches - 11;

Scientists from 27 European countries participated in the conference with papers or as listeners.

Following nominations by the section chairpersons, the Programme Committee awarded **"BEST PAPER"** crystal prizes and honorary diplomas to the authors of the plenary reports as well as the following papers:

Section 1: "e-Learning – The developed tools and solutions"
- Interactive Training Tools for Basic Introduction to VHDL Models
  Aneliya Ivanova
- Learning Tool for Soundless Speaking
  Leon Rothkrantz

- A Learning Tool Visualizing the Algebraic Laws for Optimizing Query Execution
  Elitsa Arsova, Silyan Arsov

Section 2: "e-Learning – Development, Assessment, Use"

- Use of Agile Methodology in Development of Educational Software for Users with Specific Disorders
  Rostislav Fojtik
- The Essence and the Structure of the Online Questionnaires in the Education
  Mariyana Nikolova, Margarita Todorova

- Usability Criteria for E-learning Virtual Labs
  Orlin Tomov

Section 3: "Experience and Approaches"

- Experiments on Applying Peer-Review Software for Programming Assignments
  Ville Hyyrynen, Harri Hämäläinen, Jouni Ikonen, Jari Porras

- Collaborative Creativity of Learners and Teachers - Learning by E-communication
  Eugenia Kovatcheva, Nikolina Nikolova, Eliza Stefanova
- E-learning Support for the Course of Robotics
  Taavi Duvin, Anne Villems

In each of the three sections one of the nominated papers was by a Doctoral student, young researcher.

The prizes were provided by the Conference sponsors and were handed out by **Prof. Janis Grundspenkis** and **Member of Academy Petar Kenderov**.

The Coordinator of the ETN TRICE expressed his gratitude to the hosts and organizers of the conference – the partners from the Riga Technical University.

Thanks were rendered personally to **Prof. Janis Grundspenkis** – General Chair of the Programme Committee and to **Dr. Alla Anohina-Naumeca** – Co-Chair of the Organizing Committee, for their efforts to make the event successful.

All the participants and guests of the conference share the opinion that its main goal "to intensify the information exchange of the results in theoretical research and practical developments in the field of e-Learning and m-Learning" has been widely achieved.

The proceedings have been published on paper as well as electronically on the conference Web site –
http://stpk.cs.rtu.lv/educationconference/read_write/file/Proceedings_content.pdf
All the papers are written in English, which is a premise for their popularization, referencing and quoting by other authors.

The organization of **e-Learning'11** is already on the way. It will take place on **September 8 and 9, 2011**, in the city of Bucharest. Scientists from all European countries, members of the

European Thematic Network for Teaching, Research and Innovations in Computing Education, are expected to join in the conference proceedings.