

# First International Conference on Interactive Mobile and Computer Aided Learning – IMCL2006

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Princess Sumaya University for Technology

Amman-Jordan, 19-21 April 2006

## Call for Papers

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### Scope of the conference

#### The future of Mobile Technology in Education

The conference aims to promote the development of Mobile Learning in the Middle East, provide a forum for education and knowledge transfer and encourage the study and implementation of mobile applications in teaching and learning. The conference will also present an opportunity for educators to develop new skills and to stimulate critical debate on theories, approaches, principles and applications of m-learning, hence facilitate dialogue, sharing and networking between diverse cultures with regard to the optimal use of emerging technologies.

The conference will provide participants with the newest state of the art on portable devices and their role in university education and potential benefits for learning purposes. Examples of the implementation by laptops, palmtops, mobile phones, PDA, smartphones, WAPs, GPS and a navigational system, WWW-access via Bluetooth, WLAN or GPRS will be presented, accompanied by experimentations to demonstrate their coherence and feasibility.

#### This workshop will be organized by:

Princess Sumaya University for Technology, Jordan  
Carinthia Tech Institute, Austria  
Royal Institute of Technology, Sweden

### Keynote Speaker

- **Muna Nijem**, CEO/Chairman of the board of the Telecommunications Regulatory Commission, Jordan
- **Richard Larson**, Learning International Networks Consortium, MIT, USA.
- **Noel Kirkaldy**, Director of Wireless Broadband, Motorola, UAE
- **Natasa Milic-Frayling**, Senior Researcher, Microsoft Research, Cambridge, UK
- **Rob Reilly**, MIT Media Lab and IEEE Education Society, USA.
- **Sam Steinhardt**, Center for Innovations in Learning, Stanford University, USA.

## Topics of interest

- M-learning applications in teaching and learning;
- Mobile technology support for educator and student;
- Design and development of course content for MLearning
- M-learning emerging hardware and software;
- M-learning management systems;
- PDA content formats and field experiments;
- Mobile video Conferencing;
- Mobile WWW-connection;
- M-learning objects and development tools;
- Service providers for mobile networks;
- M-learning standards;
- Life-long m-learning;
- Impact of m-learning on social change;
- Future trends in m-learning;
- Web and Computer-based learning;
- Tools for interactive learning and teaching;
- Platforms and authoring tools;
- New learning models and applications;
- Applications of the Semantic Web;
- Adaptive learning environments;
- E-learning and knowledge management;
- Methods of content adoption;
- Project-based learning;
- Collaborative learning evaluation and outcomes assessment;
- Multimedia applications and virtual reality;
- Virtual campus and e-learning;
- Remote and virtual laboratories;
- Remote measurement technologies;
- Concepts for remote engineering;
- Remote group simulations;
- Virtual environments for education and training;
- E-learning and m-learning demands in education and training.

## Types of sessions

- **Full Paper sessions:** 20 minutes presentation followed by a panel discussion. This papers will be reviewed by the program committee.
- **Short paper sessions:** 15 minutes presentation.
- **Interactive demonstrations:** 15 minutes demonstration. (online demonstrations from a remote location are also welcome).
- **Poster sessions**

## Other opportunities to participate

- **Run a workshop or tutorial.** Proposals should clearly indicate the topic, background knowledge expected of the participants, objectives, and the qualifications of the instructor.
- **Organize a thematic session.** Proposals should include a minimum of three papers, a session title, a list of the topics covered, and qualifications of the session organizer. The name of the session organizer will appear in the program and the proceedings.
- **Exhibit** at the IMCL products and developments of eLearning and mLearning technology.

## Proceedings

The proceedings will be published on CD in cooperation with the Kassel University Press (own ISBN number).

Some authors will be invited to submit extended versions of their papers for publication in appropriate international journals.

## Conference language

English

## General conference chair

**Professor H. Ghassib** President of PSUT, Jordan

## Program committee

- **Michael E. Auer**, CTI, Austria (Chair).
- **A.Y. Al-Zoubi**, PSUT, Jordan.
- **Göran Karlsson**, KTH, Sweden.
- **Bassem Alhalabi**, Florida Atlantic University, USA.
- **Isam Ayyoubi**, Rubicon, Jordan.
- **A Al-Ayyoub**, Arab Open University, Saudi Arabia.
- **Marwan Al-Akaidi**, De Montfort University, UK.
- **Eduard Babulak**, University of Quebec, Canada.
- **Mohammad Banat**, Jordan University for Science and Technology, Jordan.
- **Vincent Barre**, University of du Maine, France.
- **Emad Bataineh**, Zayed University, UAE.
- **Issa Batarseh**, University of Central Florida, USA.
- **Hadj Batatia**, Polytechnique de Toulouse, France.
- **Luis Manuel Borges Gouveia**, University Fernando Pessoa Porto, Portugal.
- **Victor Buttigieg**, University of Malta, Malta.
- **Bruno dalla Chiara**, Politecnico Di Torino, Italy.
- **Martyn Cooper**, Open University UK.
- **Pasquale Daponte**, University of Sannio, Italy.
- **Rached Dhaouadi**, American University of Sharjah, UAE
- **Satnam Dlay**, University of Newcastle upon Tyne, UK.
- **Roza Dumbraveanu**, Institute for Continuing Education, Moldova.
- **Ulf Ehlers**, University of Duisburg-Essen, Germany.
- **Tor Ivar Eikaas**, Cyberlab SA Trondheim, Norway.
- **James Everett**, University of Strathclyde, Glasgow, UK.
- **Tor Fjeldly**, Norwegian University of Science and Technology, Norway.
- **Torsten Fransson**, KTH, Sweden.
- **Didier Geoffroy**, University of Bordeaux, France.
- **Hatem Hamad**, Islamic University of Gaza, Palestinian Authority.
- **George Ioannidis**, Patras University, Greece.
- **Klaus P. Jantke**, Hokkaido University Sapporo, Japan.
- **Ineta Kristovska**, Distance Education Centre of Latvia, Latvia.
- **Reinhard Langmann**, University of Applied Sciences Dsseldorf, Germany.
- **Herman Mann**, Czech Technical University, Czech Republic.

- **Mohammad Obaidat**, Monmouth University, USA.
- **Wim van Petegem**, Katholieke Universiteit Leuven, Belgium.
- **Danguole Rutkauskiene**, Kaunas University of Technology, Lithuania.
- **Giovanni Schiuma**, Universita degli Studi della Basilicata, Italy
- **Jeanne Schreurs**, Universiteit Hasselt, Belgium
- **Bayan Sharif**, University of Newcastle upon Tyne, UK
- **Sherif Kamel**, American University Cairo, Egypt.
- **Cornel Samoila**, University Transylvania Brasov, Romania.
- **Anna Marina Scapolla**, University of Genoa, Italy.
- **Jeanne Schreurs**, Universiteit Hasselt, Belgium.
- **Joao L. Serras Pereira**, Centro de Inovacao Porto Salvo, Portugal.
- **Nikolay Tkachuk**, National Technical University Kharkov, Ukraine.
- **Carlos Travieso-Gonzalez**, Universidad de Las Palmas de Gran Canaria, Spain.
- **Wim Veen**, TU Delft, Netherlands.
- **Wai Lok Woo**, University of Newcastle upon Tyne, UK.
- **Mario Zagar**, University of Zagreb, Croatia.

## Organizing committee chair

A.Y. Al-Zoubi, PSUT, Jordan ( [zoubi@psut.edu.jo](mailto:zoubi@psut.edu.jo) )

## Submission of papers

The abstracts should be submitted using the [Electronic Submission System](#).  
If unable to submit the abstract electronically, please contact the Chair.

## Important dates

November 20, 2005	Submission of paper abstracts
December 05, 2005	Proposals for workshops/tutorials & thematic sessions
December 20, 2005	Notification of acceptance
January 10, 2006	Author registration deadline
March 06, 2006	Camera-ready due
April 19 - 21, 2006	Conference IMCL2006

## For more information contact

[www.imcl-conference.org](http://www.imcl-conference.org)

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## Downloads

[IMCL Flyer \(folder\)](#)

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