



IFIP Conference on Education for the 21st Century - Impact of ICT and Digital Resources



IFIP
World Computer Congress
Santiago de Chile

August 20-25, 2006

TC3 IFIP International Conference on Education for the 21st Century - Impact of ICT and Digital Resources

- **ICTEM II: Informatics Curricula, TEaching Methods and best practice.**
- **Teaching and Learning with ICT: Theory, Policy and Practice - From the world of research to classrooms and learning environments.**

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Marta Turcsanyi-Szabo, Hungary
Joe Turner, USA
Adrie Visscher, The Netherlands

Submission to:
<http://santiago.eduhi.at>

IMPORTANT DATES

Deadline: January 15, 2006

Notification acceptance/rejection: March 15, 2006

Camera Ready deadline: April 7, 2006

Conference 2006: August 20 - 25, 2006

Streams

The conference topics will be formed around the following streams:

- **ICTEM II: Informatics Curricula, TEaching Methods and best practice**
- **Teaching and Learning with ICT: Theory, Policy and Practice - From the world of research to classrooms and learning environments**

Scope

To provide an international forum for educators and researchers to discuss research and practice in teaching informatics and educational uses of ICT tools, resources and environments, to consider the relationship of informatics in other curriculum areas and examine the impact of ICT on the whole educational environment with respect to the call of the 21st Century. Young researchers and doctoral students are specially invited to the conference to bring in new and vibrant perspectives and to offer a forum for personal development and a renewal of IFIPs organisational and professional work. The scope of the conference covers all fields from classroom practices to theory and policy making.

Topics

- Policy and policymaking
- Teaching and learning
- Teacher education
- Learning styles
- E-learning
- Distance learning
- Web-resources
- Lifelong learning
- Learning Management Systems
- Technologies for networked learning
- Communities of practice and networked organizations
- Change of classroom practice and school organizations
- Informal learning
- Capacity building in underdeveloped areas
- New literacies and new competencies
- New evaluation methodologies
- Curricula versus "learning on demand"
- Teaching informatics versus using informatics
- Learning outcomes, learning processes, transfer effects
- Motivation, self-efficacy, creativity
- Tools and environments for tangible learning
- Problem solving – a global approach
- Simulation, inquiry learning, problem based learning, modeling, ...
- Integration of ICT into other subject areas
- Research issues and methodologies, synthesis of research
- Equity and gender issues
- Professional and vocational education

Paper submission: All papers should be submitted electronically on the web site of the conference at <http://santiago.eduhi.at> in Portable Document Format (PDF). The name and affiliation of all authors should be included on the paper, and the contact information for the lead author should be added in a cover page. Maximum paper sizes are 10 pages for full papers, 5 pages for short papers and 2 pages for poster papers.

Papers should be submitted following the norms described in the web page of the official publisher *Springer Science+Business Media, IFIP Series* (<http://www.springeronline.com>). Papers presenting original research in conference topics are being sought. A full paper written in English should be sent before **January 15, 2006**. Proceedings will be published by *Springer Science and Business Media* (SSBM). More information can be found in <http://www.wcc-2006.org>

Acceptance will be based on quality, relevance and originality and the practical value of the work. Authors will be notified of acceptance or rejection via e-mail by **March 15, 2006**. Full versions of accepted papers (camera-ready) must be written in English, and will be due by **April 7, 2006**.

The proposal of some workshop to be developed in the frame of this conference should follow the norms for submitting workshops to WCC (see the corresponding call for workshops) and send by email to Sindre Røsvik, sir@giske.kommune.no.

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