

## KEYNOTES

### ADAPTIVE EDUCATIONAL HYPERMEDIA

Peter Brusilovsky  
Carnegie Mellon University, Pittsburgh, USA

### INSTRUCTIONAL TECHNOLOGY AND THE QUALITY OF LEARNING

Erno Lehtinen  
University of Turku, Finland

### MACHINE LEARNING IN DATA MINING

Erkki Oja  
Helsinki University of Technology, Finland

## REGISTRATION

Participants should confirm their attendance at the conference by paying the registration fee by May 15, 2001. Registration fee is 2000 FIM (roughly 333 Euro). Fees include refreshment breaks, conference dinner, proceedings book and CD-ROM. Only papers presented at the conference will be included in the conference proceedings.

## REACHING TAMPERE

For more information on Tampere and for maps, please consult the city home page in English at [www.tampere.fi/english.htm](http://www.tampere.fi/english.htm) or the conference home page [PEG2001.tut.fi](http://PEG2001.tut.fi).



## HISTORY OF PEG

PEG was established in 1985. It has developed into an informal friendly extended family that comes together regularly to exchange ideas and information. PEG 2001 will be the tenth international conference.

PEG is a loose association of those interested in the relationship between intelligent computer and communications technology and teaching and learning. For over a decade the PEG international conferences have explored ideas at the cutting edge of developments in the fields of Artificial Intelligence, Epistemology, Psychology and Education in relation to the interaction between the teacher, the learner, the curriculum and the technology. The origins of PEG was the link between Logic Programming and Education, but subsequently the field has expanded to encompass all elements of intelligent computer and communications technology that involve teachers and students of all ages.

### ORGANISING COMMITTEE

Chair Seppo Pohjolainen, Heli Ruokamo, Pentti Hietala, Ossi Nykänen, Rosa Maria Bottino, Paul Brna, Tom Conlon, Darina Dicheva, Benedict du Boulay, and John Nichol.

### ORGANISER

Tampere University of Technology  
Digital Media Institute  
Hypermedia Laboratory  
P.O. Box 692  
FIN-33101 TAMPERE, Finland  
Tel +358 3 365 2424 (Prof. S. Pohjolainen)  
Fax +358 3 365 3549  
<http://matriisi.ee.tut.fi/hypermedia/>

## PEG 2001

### SECOND ANNOUNCEMENT AND CALL FOR PAPERS

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### INTELLIGENT COMPUTER AND COMMUNICATIONS TECHNOLOGY — LEARNING IN ON-LINE COMMUNITIES

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23<sup>rd</sup>-26<sup>th</sup> JUNE 2001  
TAMPERE, FINLAND



[PEG2001.TUT.FI](http://PEG2001.TUT.FI)

TAMPERE UNIVERSITY  
OF TECHNOLOGY  
DIGITAL MEDIA INSTITUTE

HYPERMEDIA LABORATORY

## SECOND ANNOUNCEMENT AND CALL FOR PAPERS

### TENTH INTERNATIONAL PEG CONFERENCE

The Tenth International PEG Conference will be held at Midsummer in Tampere, Finland.

SUBMISSION OF PAPERS BY 30 NOVEMBER  
2000

- Papers should be of c. 4,000 words with a 250 word abstract
- All papers will be reviewed by an international panel
- More detailed information will be available at the conference website PEG2001.tut.fi

#### THE PATTERN OF PEG 2001

The conference will run as a series of keynotes and paper presentations.

Please note that PEG 2001 is arranged partially in parallel with the ED-MEDIA 2001 conference - an excellent opportunity to participate in both conferences.

#### ADDRESS FOR CORRESPONDENCE

Conference Secretary  
Kirsti Tikka  
PEG2001 Conference Secretariat  
Edutech  
Tampere University of Technology  
P.O.Box 300  
FIN-33101 TAMPERE  
Finland  
Tel +358 3 365 2400  
Fax +358 3 365 2164  
E-mail: kirsti.tikka@tut.fi

## THEMES AND TOPICS

- A. EDUCATIONAL SCIENCE AND PSYCHOLOGY
1. Learning communities
  2. Learning and cognition
  3. Web-based learning environments
  4. Computer supported collaborative learning
  5. Distance learning
  6. New pedagogical models for learning environments
  7. Edutainment
- B. INFORMATION TECHNOLOGY
8. Adaptive hypermedia
  9. Intelligent tutoring systems
  10. Intelligent documents
  11. Virtual reality for education
  12. Wireless IT in learning
  13. Information and communication technology in education
  14. Software engineering for educational IT
  15. Usability design
  16. Virtual laboratories
- C. EXPERIENCES
17. Innovative use of AI languages
  18. Experience of using Web in education
  19. Real-world cases and experiments
  20. Best practices
- D. FUTURE
21. Future trends in educational IT
  22. Virtual universities

## PROGRAMME COMMITTEE

Rosa Maria Bottino  
Istituto per la Matematica Applicata, Genova Italy

Benedict du Boulay  
University of Sussex, UK

Paul Brna  
Leeds University, UK

Peter Brusilovsky  
Carnegie Mellon University, Pittsburgh, USA

Derek Brough  
Imperial College, London, UK

Tom Conlon  
University of Edinburgh, Scotland

Niki Davis  
University of Exeter, UK

Darina Dicheva  
Winston-Salem State University, USA

Paola Forcheri  
Consiglio Nazionale Delle Ricerche, Genova, Italy

Pentti Hietala  
University of Tampere, Finland

Erno Lehtinen  
University of Turku, Finland

Rose Luckin  
University of Sussex, UK

Maria Teresa Molino  
Istituto per la Matematica Applicata, Genova, Italy

John Nichol  
School of Education University of Exeter, UK

Peeter Normak  
Tallinn Pedagogical University, Estonia

Ossi Nykänen  
Tampere University of Technology, Finland

Seppo Pohjolainen (Chair)  
Tampere University of Technology, Finland

Heli Ruokamo  
University of Lapland, Finland

Zahava Scherz  
Weizman Institute of Science, Rehovot, Israel

Kate Watson  
School of Education, University of Exeter, UK

Denise Whitelock  
The Open University, UK