

## 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).



### TRAVEL

There are frequent flights to the capital, Helsinki, from many European cities. The flight time from Helsinki to Tampere is about 30 minutes. Tampere can also be reached directly by air from Stockholm/Sweden. Tampere-Pirkkala airport is situated 15 km from the city centre of Tampere. Helsinki and Tampere are connected by regular, fast bus and train services. A bus service to Tampere operates directly from Helsinki-Vantaa airport. The journey takes about two hours by train and three hours by bus.

### TRAVEL CONTACTS

Finnair  
<http://www.finnair.com/>  
+358 9 818 8383

VR Ltd Finnish Railways  
<http://www.vr.fi/e-index.htm>  
+358 9 707 5700

Matkahuolto (coaches)  
<http://www.matkahuolto.com/>  
+358 9 682 701

## 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

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<http://matriisi.ee.tut.fi/hypermedia/>

## PEG 2001

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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

TAMPERE UNIVERSITY  
OF TECHNOLOGY  
DIGITAL MEDIA INSTITUTE

HYPERMEDIA LABORATORY

## FIRST ANNOUNCEMENT

### 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

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## 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

## PROVISIONAL CONFERENCE TIMETABLE

- SATURDAY 23 JUNE  
Registration of early arrivals and get-together party.
- SUNDAY 24 JUNE  
Keynote session, regular sessions and social evening program.
- MONDAY 25 JUNE  
Keynote session, regular sessions and conference dinner.
- TUESDAY 26 JUNE  
Keynote session, regular sessions and the closing session.

## 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