

Programme

Friday June 30	10.00–11.00 Conference registration in a lobby		
	11.00–12.00 Main auditorium. Opening of JURE 2006.		
	12.00–13.00 Keynote speech: Investigating new modes and models of assessment: past and present research. F. Dochy		
	13.00–14.00 Lunch for the conference participants in a lobby		
	14.00–15.30 Room 107 Session 1: Learning and instruction with computers 1. Giacosa Norah S., Giorgi Silvia M. Concar Sonia B. Models involved in physics simulations and the use of simulations for teacher training 2. Pata Kai The influence of virtual inquiry with “Young Scientist” on primary students’ conceptual development about seasonal changes 3. Pearson Mary A case study to evaluate the effectiveness of learning and instruction with computers	14.00–15.30 Room 108 Session 2: Learning and instruction 1. Eklund Ann-Charlotte, Mäkitalo Åsa, Säljö Roger Developing collective knowing in ‘high tech’ work settings: The case studio as an arranged activity for learning 2. Dehler Jessica, Buder Juergen, Bodemer Daniel Knowledge Mirroring Tool (KMT) for computer-mediated knowledge communication: impact on communication efficiency and effectiveness 3. Wernberg Anna. Learning from ones practise	14.00–15.30 Room 137 Session 3: Instructional design 1. Kicken Wendy, Brand-Gruwel Saskia, van Merriënboer Jeroen Effects of advice on task selection on students’ choices in learner controlled instruction 2. Cierniak Gabriele Cognitive Load Theory: investigating the interplay of experimentally manipulated load types 3. Deimann Markus Towards the development of a volitional design model
	15.30–16.00 Coffee break in lobby		
	16.00–17.30 Room 107 Workshop 1: Approaches to analysing external representations. S.Ainsworth	16.00–17.30 Room 108 Workshop 2: Combining qualitative and quantitative approaches. K. Niglas	16.00–17.30 Room 137 Workshop 3: How to get actively involved in EARLI, the SIG meetings and the EARLI journals and publications. F. Dochy & G. Nickmans
18.30. Welcome Banquet in Botanical Gardens			

Saturday July 1	9.00–10.00 Main auditorium Keynote speech: The impact of cognitive load theory on our understanding of teaching and learning. W. Schnotz		
	10.00–10.30 Coffee break in lobby		
	10.30–13.00 Room 107 Session 4: Learning science 1. Ibarra Canedo Sabrina Scientific precursor models construction: A science learning and teaching approach in preschool education 2. Moonika Teppo Bridging the cap between research and practice - science teachers views on an international research report 3. Anne Laius Reasoning strategies for selected socio-scientific issues	10.30–13.00 Room 108 Session 5: Metacognition 1. Pasternak Deborah Pino, Whitebread David Analysing parent-child interactions during study-related activities and their impact on children’s self-regulated learning 2. Dignath Charlotte, Büttner Gerhard & Langfeldt Hans-Peter The efficacy of self-regulated learning interventions at primary and secondary school level — a meta-analysis 3. Begum Marjahan, Elliman Dave and Higgins Colin Cognitive and meta-cognitive strategies of novice programmers 4. Helle Laura, Tynjälä Päivi, Olkinura Erkki, Lonka Kristi Ain’t nothin’ but the real thing. Motivation and cognitive processing on a project-based course in information systems design 5. Siegle Thilo Social background, parents’ competencies and students’ achievement: Structural models by Rasch measurement	10.30–13.00 Room 137 Session 6: Moral and democratic education 1. Schults Astra, Tulviste Tiia Estonian children’s reasoning about social rules transgressing and teachers’ evaluation of children’s everyday behavior: A developmental perspective 2. Tapola Anna Evaluating critical discourse analysis: A demand for alternative assessment criteria? 3. Ubani Martin What kind of learning takes place in RE? 4. van Ewijk Reyn The effect of ethnicity and SES in the class on achievement: a meta-analysis 5. Moolenaar Nienke. A social capital model of school effectiveness: students’ citizenship competences as an outcome measure.
13.00–14.00 Lunch for conference participants in lobby			

<p>14.00–15.30 Room 107 Session 7: Learning and instruction with computers 1. Hyvönen Pirkko Playing at school — Teachers view of playing and the roles of teacher and children in the playful learning environment 2. Näykki Piia, Järvelä Sanna Using a mobile concept map tool to support collaborative knowledge construction 3. Pedaste Margus. Which are the factors influencing web-based problem solving of learners' groups?</p>		<p>14.00–15.30 Room 108 Session 8: Assessment and evaluation 1. Hertel Silke, Bernhard Schmitz Determine competence development by applying a mixed-method design 2. Rexwinkel G.B. Trudy Assessing the Level of Degree Courses 3. Mehdinezhad Vali, Peltonen Juhani The needful knowledge, skills and abilities for educators: Assessment</p>	
<p>15.30–16.00 Coffee break in lobby</p>			
<p>16.00–17.30 Room 107 Workshop 4: Video-analysis. P. Salonen</p>	<p>16.00–17.30 Room 108 Workshop 5: How to understand the inner life of data. L.Vöhandu</p>	<p>16.00–17.30 Room 137 Workshop 6: From reject to accept. How to present and write scientific paper. U. Runesson</p>	
<p>Organised guided sightseeing of Dome-Hill and downtown 18.15–19.15 and 19.15–20.15.</p>			

<p>Sunday July 2</p>	<p>9.00–10.00 Main auditorium Keynote speech: The roles of multiple representations in learning complex topics. S. Ainsworth</p>		
	<p>10.00–10.30 Coffee break in lobby</p>		
	<p>10.30–13.00 Room 107 Session 9: Conceptual change 1. Chiras Andreas, Valanides Nicos Primary school children's understanding of the day/night alternation 2. Sepp Evald, Pata Kai The role of virtual inquiry simulation "Young Scientist" in developing student's conceptual coherence about food chains in water ecosystems 3. Hyvönen Pirkko, Kangas Marjaana Playfulness — a conceptual tool for evaluating playful learning environment (PLE) and activities 4. Wang Li Exploring learning about greenhouse effect in green schools in China 5. Villalón Ruth, Mateos Mar Students' conceptions about academic writing: Knowledge telling vs. knowledge transforming</p>	<p>10.30–13.00 Room 108 Session 10: Learning and professional development 1. Bazanov Boriss, Vöhandu Priit, Haljand Rein Trends and rules in offensive teamwork in basketball 2. Arellano Alfredo Bautista Piano teachers' conceptions about teaching and learning: the role of the educational experience. 3. Aprea Carmela Coaching as a model for instructing pre-service teachers how to plan effective learning environments in the domain of economic and business education 4. Yinon Hayuta Re-examination of Kagan's model of teachers' professional development: interns' concerns and reasoning as reflected through their self-reported cases 5. Rienties Bart, Rehm Martin, Dijkstra Joost An online remedial teaching model used in practice</p>	<p>10.30–13.00 Room 137 Session 11: Teachers and teacher education 1. Kocher Miraim, Wyss Corinne Teaching competency of teacher training students. A video-analysis 2. Darnon Celine Achievement goals and conflict regulation in classroom 3. Leuhin Illar, Bhattacharya Madhumita Estonian teachers' attitudes towards hands-on activities in elementary school science lessons 4. Mägi Katrin, Kikas Eve Patterns of achievement motivation and relations to mathematical achievement: a person oriented approach</p>
	<p>13.00–14.00 Lunch for conference participants in lobby</p>		
	<p>14.00–15.30 Room 107 Session 12: Motivation and emotion 1. Filisetti Laurence, Wentzel Kathryn Psychological, social and motivational processes as predictors of student's social and academic achievement 2. Lichtenfeld Stephanie Development and validation of the emotions questionnaire in higher elementary grades (EQEG) 3. Lindström Paulina Are there emotional responses when understanding visual pictures? A pilot study with eye tracking</p>	<p>14.00–15.30 Room 108 Session 13: Social interaction 1. Norman Phillip Challenging Talk: Experiments in English language simulations to develop social capital in UK secondary students' speaking and listening. 2. Ward Sophie Claire, Meyer J.H.F., Shanahan M. P. Awareness of self as learner and its contribution to learning outcomes in first-year economics. 3. Romero Margarida Analysis of computer mediated project activities through an ICT-based model</p>	

15.30–16.00 Coffee break in lobby		
16.00–17.30 Room 107 Session 14: Demo session 1. Margus Pedaste “Young Scientist” inquiry learning environment 2. Persson Petter Bivall, Tibell Lena, Cooper Matthew Force Feedback Virtual Reality Technology 3. Olga Fragou Ariadne Microworld	16.00–17.30 Room 108 Workshop 7: The responsibility of research (and researchers) in educational innovation S. Caravita	
19.00–23.00 Conference dinner in Shakespeare Restaurant		

Monday July 3	9.00–10.00 Main auditorium. Keynote speech: Models and modelling as a means for learning. W. van Joolingen		
	10.00–10.30 Coffee break in lobby		
	10.30–13.00 Room 107 Session 15: Learning and instruction with computers 1. Madsen Lene Møller How do we understand learning strategies in relation to computer based programmes? — An example from geography using geographical information systems. 2. Kangas Marjaana, Kultima Annakaisa Co-creative learning processes in school settings — a case of the game concept of a “Different World” 3. Molkenthin René Real-time assessment of problem-solving behaviour in business simulations 4. Luik Piret Preferences of educational software and learning style 5. Stamouli Ioanna Learning object oriented programming from the students’ perspective	10.30–13.00 Room 108 Session 16: Educational effectiveness 1. Rasinen Tuija Horizons to the content and language integrated learning. Individual school development changed the school’s reality 2. Nishimuko Mikako Primary education in Sierra Leone and partnership with Britain 3. Uibu Krista Roles of the primary school teacher in the computer-based instructional settings 4. Inal Sevim Do the Turkish senior students’ attitudes toward research, anxiety and competency of research and the importance that students assign to research differ according to their gender and the state of taking the research skills course? 5. Kurland Hanna, Hertz-Lazarowitz Rachel Does organizational learning contribution to teachers’ extra effort, job satisfaction, and students’ academic achievements?	10.30–13.00 Room 137 Session 17: Learning science 1. Wildschut Hilde, Schee Joop van der Shee Improving the quality of geography research papers in secondary education 2. Sturm Heike How do birds fly? An educational approach of 6th graders 3. González Manuel Rodríguez Understanding of sustainable development: Ideas and reasoning of children and adolescents 4. Valanides Nicos, Papageorgiou Maria Primary school children’s experimentation strategies and related cognitive abilities 5. Adojaan Kristjan, Rätsep Kadi Effect of different visual and verbal representations of natural processes in basic school biology
	13.00–14.00 Lunch for conference participants in lobby		
	14.00–15.30 Room 107 Session 18: Learning and instruction with computers 1. Fragou Olga The language learning process and ancient greek literacy in an environment based on the implementation of New Technologies 2. Kübar Külli Students’ reading strategies for different types of texts 3. Jakavonyte Daiva Lithuanian fourth formers’ communication competence in reading NON-fiction TEXT: factors that influence it	14.00–15.30 Room 108 Session 19: Higher Education 1. Charlesworth Zarina M. The influence of higher education on conceptions of Learning 2. Kärner Anita PhD students’ expectations and concerns towards supervision 3. Rähä Pekka, Nikkola Tiina. Towards a critical teacher education — why is it so difficult to change the structure of teacher education?	
	15.30–16.00 Coffee break in lobby		

	<p>16.00–17.30 Lobby Session 20: Poster session</p> <ol style="list-style-type: none"> 1. Adam-Schwebe Stefanie, Trenk-Hinterberger Isabel & Souvignier Elmar. Predictive value of strategy-knowledge and reading motivation on reading comprehension: A longitudinal study 2. Amaral Rosa Maria, Lencastre Leonor. Figurative language processing: what skilled readers do 3. Antonietti Maja. Preschool and primary school teachers for children with especial needs evaluate their professional competences: a research in progress 4. Endedijk Maaïke, Vermunt Jan, Brekelmans Mieke, and den Brok Perry. Self-regulation of learning processes of student teachers in new training arrangements 5. Glueck Daniela, Souvignier Elmar. Implementing cooperative learning in elementary schools: Preconditions of effective learning when using the jigsaw method 6. Gonzales, Fernanda. How was America Discovered? “Reading” historical images in children, adolescents and adults 7. Herweg Constanze, Seidel Tina, Prenzel Manfred. Clear and structured teaching — Developing a theoretical framework 8. Hohensee Fanny. Family background and educational achievement in PISA 9. Hyvonen Pirkko, Kangas Marjaana. Tutoring, playing and learning in a playful learning environment 10. Issaeva Elisabeth. Implicit theories and self-efficacy of the teacher: their impact on his evaluation and the motivation of pupils 11. Kask Klaara Cognitive learning through student experimental problem solving derived from a social issue 12. Kawanabe Takashi. The nature of naive conception of sound: A comparison between novices and experts 13. Kobarg Mareike, Seidel Tina. Process-oriented teaching in physics classrooms — Creating opportunities for learning? 14. Nieder Tanja. Questionnaire-based assessment of learning conceptions and analyses of the variability of learning conceptions. 15. Persson Petter Bivall, Tibell Lena, Cooper Matthew. Using force feedback virtual reality technology as a tactile gateway to understanding of biomolecular interactions 16. Schwindt, K., Seidel, T., Rimmelé, R., Prenzel, M. Teaching behaviour as a mediating factor between teachers’ pedagogical content beliefs and student learning 17. Vuopala Essi. Technology enhanced collaborative learning — when scaffolding is needed? 18. Zander Steffi, Motivational effects on cognitive load in learning with multimedia <p>Organised boat trip with food by the River Emajõgi (extra cost)</p>
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<p>Tuesday July 4</p>	<p>9.00–10.00 Main auditorium Keynote speech: Learning and cultural tools: Modelling and the evolution of a collective memory. R. Säljö</p>	
	<p>10.00–10.30 Coffee break in lobby</p>	
	<p>10.30–12.00 Room 107 Session 21: Learning and instruction with computers 1. Walraven Amber, Brand-Gruwel Saskia & Boshuizen Henny P.A. Judging of sources and information during information-problem solving on the WWW 2. Dorner Helga, Török Erika International school partnerships — what works, what doesn’t? Integrating the European eTwinning project in teaching and learning processes. A Hungarian perspective 3. Grenon Vincent The integration of IT in teacher education programmes: Measuring the effect of the practicum on pre-service teachers</p>	<p>10.30–12.00 Room 108 JURE business meeting Summary of JURE 2006 organisation Call for planning next JURE conference All interested people are welcome</p>
	<p>12.00–13.00 Main auditorium. JURE 2006 closing.</p>	
	<p>13.00–14.00 Farewell banquet and lunch in lobby</p>	
<p>Travelling agency offers for sightseeing in Estonia</p>		