

Wednesday, August 27

Updated programme per 25.08.14

10.00-11.00	Keynote speaker: Helen Timperley; “Transformations of Knowledge through Professional Learning” Chair: Leif Lahn				
Parallel session: 11.30-13.00	1A Symposium Room U30	1B Symposium Room U31	1C Paper session Room 231	1D Paper session Room 234	1E Paper session Room 265
	<p><u>Symposium 1A:</u></p> <p>Understanding professional development of knowledge workers</p> <p>Organisers: David Gijbels & Maaïke Endedijk Chair: David Gijbels Discussant: Isabel Raemdonck</p> <p>Paper 1: “Learning paths of engineers: studying sequences of learning activities to understand knowledge workers’ professional development” Maaïke Endedijk, M. Hoekman, P.J.C. Sleegers</p> <p>Paper 2: “Work Agency in the Elderly Care Domain: A Qualitative Interview Study with Experienced Staff Nurses” Michael Goller, Christian Harteis</p> <p>Paper 3: “Understanding knowledge workers’ learning processes during formal professional development activities: Linking motivational and (meta)cognitive factors” Gert Vanthournout, Eva Kyndt, David Gijbels, Piet Van den Bossche</p>	<p><u>Symposium 1B:</u></p> <p>How to investigate visual expertise development? Lessons learned</p> <p>Organiser: Thomas Jaarsma Chair: Henny Boshuizen Discussant: Helen Jossberger</p> <p>Paper 1: “A precursor for visual medical expertise? Exploring medical students’ perceptions of and knowledge in histology” Markus Nivala, Erno Lehtinen, Jorma Paranko</p> <p>Paper 2: “Development of visual and cognitive expertise of clinical pathologists: from student to expert” Thomas Jaarsma, Halszka Jarodzka, Jeroen J.G. van Merriënboer, Henny P.A. Boshuizen</p> <p>Paper 3: “Learning Radiology by Case Comparisons” Ellen Kok, Anique B.H. de Bruin, Jimmie Leppink, Simon G.F. Robben, Jeroen J.G. van Merriënboer</p>	<p><u>Assessment and measuring vocational competence:</u></p> <p>Chair: Frank Achtenhagen</p> <p>“Occupational validation as design framework for competence assessment in vocational education and training (VET): An exploratory study” Leif Christian Lahn, Hæge Nore, Trine Deichman-Sørensen, Roger Bakken</p> <p>“The development of vocational competence – A psychometric model for the commercial sector” Viola Katharina Klotz, Esther Winther, Dagmar Festner</p> <p>“Adult learning processes within the context of work and their recognition. An empirical investigation in the German metal and electro industry” Kerstin Huber, Martin Fischer</p>	<p><u>Teachers’ knowledge work and work identities:</u></p> <p>Chair: Anneli Etelapälto</p> <p>“Teachers’ knowledge work and collective practice development” Hege Hermansen</p> <p>“Transformations in professional knowledge of teachers in different stages of professional development: The demand perception structure of student, beginning and experienced teachers in comparison” Manuela Keller-Schneider</p> <p>“Empirical results of a study on work identities of teachers in England and Germany: implications for the professional development of teachers and teacher training organisations.” Imke von Barga</p>	<p><u>Technology, social media and learning:</u></p> <p>Chair: Anders Mørch</p> <p>“Pebble-in-the-Pond?! Does a Hashtag Conversation on Twitter connect Teachers?” Martin Rehm, Annabell Preußler, Michael Kerres, Ad Notten</p> <p>“Seeds, Sprouts, Weeds and Blooms of Innovation – Learning in Professional Virtual Communities” Helena Kantanen, Jyri Manninen</p>

		<p>Paper 4: “Real world eye-tracking in a medical environment: How to preserve ecological validity and prevent manual data analysis” Ignace Hooge, Vincent Dik, Martijn van Oijen, Peter Siersema</p>			
<p>14.30-16.00</p>	<p>Poster session</p> <p>Chair: Leif Chr. Lahn and David Gijbels</p> <p>There are 16 posters to be displayed in Georg Sverdrup’s house, lower floor.</p> <p>Please see the book of abstract for poster titles and author names.</p>		<p>Roundtable 1: Professional learning</p> <p>Room 231</p> <p>Chair: Monika Nerland</p> <p>“A narrative approach to exploring professional identity in early years practitioners” Mary Dyer, Samatha McMahon</p> <p>“Exploring the Role of ePortfolios in Professional Learning and Development: Beyond Documenting Learning and Achievements” Anna Liza Daunert, Christian Harteis</p> <p>“Shedding Light on Obstacles within Entrepreneurial Learning Processes” Susanne Weber, K. Mosis, J. Guggemos, S. Hopf, F. Kirsch, J. Sedlmeir.</p>		

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Parallel session: 16.30-18.00	2A Symposium Room U30	2B Symposium Room U31	2C Paper session Room 231	2D Paper session Room 234	2E Paper session Room 265
	<p><u>Symposium 2A:</u></p> <p>Theorising and modelling professional agency</p> <p>Organisers: Anneli Eteläpelto, Michael Goller Chair: Anneli Eteläpelto Discussants: Stephen Billett, Regina Mulder</p> <p>Paper 1: “Agentic Efforts at Work: On the Relationship of Work Agency and Expertise Development” Michael Goller, Christian Harteis</p> <p>Paper 3: “Theorising and modelling professional agency from a subject-centred socio-cultural perspective” Susanna Paloniemi, Anneli Eteläpelto, Päivi Hökkä, Katja Vähäsantanen</p>	<p><u>Symposium 2B:</u></p> <p>A social network perspective on learning and professional development</p> <p>Organiser: Sara Van Waes Chair: Martin Rehm Discussant: Anoush Margaryan</p> <p>Paper 1: “How young researchers spread their wings. A study on doctoral students’ enculturation into the scientific community” Markus Hirschmann, Hans Gruber</p> <p>Paper 2: “Feedback seeking in the personal network: The effects on employability and the dangers of homophily” Dominik Fröhlich, Simon Beausaert, Mien Segers</p> <p>Paper 3: “Professional development as ‘networked expertise’: A longitudinal study on university teachers’ networks throughout an instructional development program” Sara Van Waes, Piet Van den Bossche, Nienke Moolenaar, Ann Stes, Peter Van Petegem</p>	<p><u>Developing professional expertise:</u></p> <p>Chair: Els Boshuizen</p> <p>“What is the problem? Expertise differences between pre-university students for the solving of problems in business” Quincy Elvira, Mien Segers, Ben Dankbaar</p> <p>“Project work and the novice to expert trajectory: a linear or discontinuous process” David Guile</p> <p>“Deliberate Practice of Professional Conductors” Helen Jossberger, Martin Ritter, Hans Gruber, Birgit Eiglsperger</p>	<p><u>Assessment and measuring professional competence:</u></p> <p>Chair: Susanne Weber</p> <p>“Measuring Conceptual Understanding in International Business Students” Sue Ashley, Harmen Schaap, Elly de Bruijn</p> <p>“Measuring non-cognitive facets of vocational / professional competence— Development and application of the Embedded Experience Sampling (EES) methodology” Andreas Rausch, Jürgen Seifried, Detlef Sembill, Thomas Schley</p> <p>“Transfer of Learning: measuring predictors from the perspective of the learner” Laurent Testers</p>	<p><u>Sociomaterial approaches to knowledge and learning:</u></p> <p>Chair: Karen Jensen</p> <p>“Big Data and Software Code: Critical Questions for Professional Learning” Tara Fenwick</p> <p>“Knowledge, hyper-reality and simulation: a sociomaterial perspective on professional learning in nursing” Nick Hopwood, Donna Rooney</p> <p>“Professional learning of pastors – of their time, in time, all the time?” Ingrid Christine Reite</p>

		<p>Paper 4: "A need to look beyond the boundaries of professional development; a SNA perspective" Bart Rienties, Anesa Hosein</p>			
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Thursday, August 28

Parallel session: 09.00-11.00	3A Paper session Room U30	3B Paper session Room U31	3C Paper session Room 231	3D Paper session Room 234	3E Paper session Room 265
	<p><u>Mentoring in professional contexts:</u></p> <p>Chair: Eyvind Elstad</p> <p>“Building professional knowledge in mentoring dialogues through negotiations and transitions” Kristine Balslev, Dominika Dobrowolska, Santiago Mosquera</p> <p>“Judgemental or developmental mentoring? How mentors perceive their role execution.” Eli Lejonberg, Eyvind Elstad, Knut-Andreas Christophersen</p> <p>“Mentoring of Newly Qualified Teachers: Learning the Work of Designing Teaching for Student Learning” Merete Føinnum, Trond Eiliv Hauge, Anniken Furberg</p> <p>“Mentors learn too: Transforming mentoring as professional development for all participants” Judith MacCallum</p>	<p><u>Learning in the field of medicine:</u></p> <p>Chair: Sten Ludvigsen</p> <p>“Medical students’ learning in clinical settings: Authentic engagement in medical activities and interactions” Stephen Billett, Jen Cleland, Joe Leaman</p> <p>“Identifying Deficits in Medical Students’ Understanding of Ward Rounds: An Analysis of Scripts” Esther Beltermann, Insa Wessels, Ingo Kollar, Martin R. Fischer</p> <p>“Teaching Medical Students Systematic Viewing to Diagnose X-Ray Images” Helen Jossberger, Julian Eder, Hans Gruber, Christian Stroszczyński, Renè Müller-Wille</p>	<p><u>Motivation and self-regulation at work:</u></p> <p>Chair: David Guile</p> <p>“Improving self regulated learning in apprenticeships: exploring the effect of Mental Contrasting with Implementation Intentions” Haske van Vlokhoven, Ruud Klarus, Jeroen van Merriënboer, Loek Nieuwenhuis</p> <p>“To what extent do properties of the training environment influence apprentices’ work-related self-efficacy and learning success?” Annalisa Schnitzler</p> <p>“How does motivational dynamics promote learning if training is mandatory?” Anne Jacot, Isabel Raemdonck, Mariane Frenay</p> <p>“Self-regulated learning in the financial services industry” Colin Milligan, Rosa Pia Fontana, Allison Littlejohn, Anoush Margaryan</p>	<p><u>Team learning:</u></p> <p>Chair: Crina Damsa</p> <p>“Team learning activities in elder care nursing teams” Veronika Leicher, Regina H. Mulder</p> <p>“Integrating team creativity in a team learning model: what does it change?” Anne Boon, Filip Dochy</p> <p>“Transitions points in the lifespan of a project team – a case study.” Elisabeth Raes, Eva Kyndt, Filip Dochy</p> <p>“Bridging the gap? Trans-contextual learning in work-based professional education” Anton Havnnes, Inger Marie Lindboe, Karen Marie Eid Kaarby</p>	<p><u>Teachers’ professional work and learning:</u></p> <p>Chair: Anders Lund</p> <p>“Working on Teacher’s Employability through their Formal and Informal Learning” Maike Gerken, Simon Beausaert, Mien Segers</p> <p>“The interconnectedness of learning environment and individual learning disposition: new teachers learning in the workplace” Rachel Shanks</p> <p>“Integrating contingent and values-based models of school principals’ professional practice” Julia Warwas</p> <p>““The poor little girl really worries me” - On professional judgement in relation to vulnerable children” Line Wittek, Liv Torunn Eik, Inger Johanne Kraver, Anne Lyberg</p>

Thursday, August 28

11.30-12.30	Keynote speaker: Johannes Bauer; “Teacher Education Reform and Teachers' Professional Development” Chair: Leif Lahn				
Parallel session: 14.00-15.30	4A Roundtable Room U30	4B Symposium Room U31	4C Symposium Room 231	4D Symposium Room 234	4E Paper session Room 265
	<p><u>RT2: Apprenticeship</u></p> <p>Chair: Els Boshuizen</p> <p>“Learning to see: Master-apprentice interaction while interpreting microscopic slides” Thomas Jaarsma, Halszka Jarodzka, Jeroen J.G. van Merriënboer, Henny P.A. Boshuizen</p> <p>“Interrelations between Apprentices` (Dis)Satisfaction and Contract Break Offs in VET – a Theoretical Framework” Cindy Grzanna</p> <p>“Heterogeneity of apprentices in the point of view of trainers” Jana Förster-Kuschel</p> <p><u>RT3: Reflection, culture and Bildung</u></p> <p>Chair: Helen Jossberger</p> <p>“Competence-based Vocational Education and Training and its Cultural Context Sensitivity” Carmen Baumeler</p>	<p><u>Symposium 4B:</u></p> <p>Different approaches towards studying team learning processes – what can we learn from combined experiences?</p> <p>Organiser: Anne Boon Chair: Elisabeth Raes Discussant: Tuire Palonen</p> <p>Paper 1: “Team learning processes and the interpersonal context in different domains” Wilfried Neumann, Veronika Leicher, Regina H. Mulder</p> <p>Paper 2: “Reflecting on Feedback: A Dynamic Perspective” Catherine Gabelica, Piet Van den Bossche, Mien Segers, Wim Gijsselaers</p> <p>Paper 3: “Team creative behaviours vs. team learning behaviours: different, alike or the same?” Anne Boon, Filip Dochy</p>	<p><u>Symposium 4C:</u></p> <p>Challenges for and in Entrepreneurship Education</p> <p>Organiser: Frank Achtenhagen Chair: Frank Achtenhagen Discussant: Susanne Weber</p> <p>Paper 1: “Challenges for Nascent Entrepreneurs in the Start-up Phase” Holger Benninghoff, Susanne Weber</p> <p>Paper 2: “Challenges in Designing Entrepreneurship Education” Leif Lahn, Truls Erikson</p> <p>Paper 3: “Challenges of Entrepreneurship at the Meeting of Tradition and Innovation: Historical Threads in the Revival of Wooden Boat Building Craft” Annalisa Sannino, Liubov Vetoshkina</p>	<p><u>Symposium 4D:</u></p> <p>Qualifying for knowledge work: Developing capacities for epistemic practices during professional education</p> <p>Organiser: Monika Nerland Chair: Monika Nerland Discussant: Tara Fenwick</p> <p>Paper 1: “The enrollment of students in professional knowledge cultures: Epistemic practices and learning in the introductory courses of three professional programs” Karen Jensen, Crina Damsa, Monika Nerland, Cecilie Enqvist-Jensen</p> <p>Paper 2: “Simulating Epistemic Practices of Knowledge Work in Higher Education: Students’ Expectations and Experiences” Hanni Muukkonen, Minna Lakkala, Auli Toom, Kari Kosonen, Liisa Ilomäki</p> <p>Paper 3: “The Scientification of Work as an Ambivalent Challenge to the Academization of VET” Ines Langemeyer</p>	<p><u>Vocational education and training:</u></p> <p>Chair: Siw Fosstenløykken</p> <p>“Hybrid learning environments in Dutch Vocational Education and Training: interweaving learning in practice settings with formal, school-based learning” Ilya Zitter, Ir Aimée Hoeve, Elly de Bruijn</p> <p>“How do students in vocational education negotiate meaning with significant others?” Nienke Bijlsma, Harmen Schaap, Elly de Bruijn</p> <p>“A didactic study of compagnons’ apprenticeship” Céline Meurger, Lucile Vadcard</p>

"Disentangling the relationship between informal learning and job crafting. Raising conceptual clarity through discussion."
Smet Kelly, Eva Kyndt, Hans De Witte

"Courage to Dissent as ingredient in Bildung in the professions" **Eevi E. Beck**

Paper 4: "Observing team learning behaviours – two examples of practice."
Elisabeth Raes, Selma van der Haar

Thursday, August 28

Parallel session:
16.00-17.00

5A Paper session Room U30

Careers and career development:

Chair: Leif Chr. Lahn

“The Development of Vocational Excellence: Vocational Characteristics, Career Pathways and Environmental Conditions in the Context of Skills Competitions” **Laura Pylväs, Petri Nokelainen**

“Determinants of Individual Occupational Careers in the 21st Century – Why Complex Problem Solving Matters Beyond General Mental Ability” **Jakob Mainert, André Kretschmar, Jonas C. Müller, Samuel Greiff**

5B Paper session Room U31

Classroom management and practices:

Chair: Crina Damsa

“The development of classroom management practices: What do vocational teachers think about it?” **Cèline Girardet, Jean-Louis Berger, Cynthia Vaudroz, Carmela Aprea**

“Classroom perception: How professional experience influences teachers’ visual processing of problematic classroom management scenes” **Charlotte Wolff, Halszka Jarodzka, Niek van den Bogert, Henny P.A. Boshuizen**

5C Paper session Room 231

Professional learning in social networks:

Chair: Tuire Palonen

“Using a case study with social network analysis to study veterinary interprofessional learning and development” **Tierney Kinnison, David Guile, Stephen May**

“The effect of hierarchical positions on feedback exchange in a social network of firemen” **Julien Balasse**

5D Paper session Room 234

Learning from errors and risk in professional practice:

Chair: Christian Harteis

“Dealing with errors in the workplace: Relevance of perceived error climate” **Alexander Baumgartner, Juergen Seifried, Marc Egloffstein, Johannes Dußler**

“Organisational and activity-related factors of psychological safety” **Cecilia Mornata, Etienne Bourgeois**

5E Paper session Room 265

Enhancing Learning at Work:

Chair: Allison Littlejohn

“Toward Integrated Learning Environments: Evolution of technology to support learning at work” **Anders Mørch**

“Triggering Software Developers’ learning at work”: **Katrin Ketterl, Regina H. Mulder**

Friday, August 29

<p>Parallel session: 09.00-10.30</p>	<p>6A Symposium Room U30</p>	<p>6B Symposium Room U31</p>	<p>6C Paper session Room 231</p>	<p>6D Paper session Room 265</p>
	<p><u>Symposium 6A:</u></p> <p>E-cir Symposium: Maintaining a focus upon learning at work for older workers.</p> <p>Organiser: Isabel Raemdonck Chair: Isabel Raemdonck Discussant: Stephen Billett</p> <p>Paper 1: “Age, Attitudes, Activities: How future time perspective, goal orientation, and learning activities shape older employees’ employability” Dominik Fröhlich, Simon Beusaert, Mien Segers</p> <p>Paper 2: “Individual and team learning activities of older workers” Verena Watzek, Anne Goerke, Regina H. Mulder</p> <p>Paper 3: “Workers learning motivation and their intention to learn: Does age matter?” Nané Kochoian, Isabel Raemdonck, Mariane Frenay, Caroline Meurant</p>	<p><u>Symposium 6B:</u></p> <p>Boundary crossing in vocational education</p> <p>Organiser: Viviana Sappa Chair: Liesbeth Baartman Discussant: David Guile</p> <p>Paper 1: “Boundary crossing skills: a review study” Viviana Sappa, Carmela Aprea</p> <p>Paper 2: “Students’ learning processes in vocational education in school and workplaces” Liesbeth Baartman, Nina Kilbrink</p> <p>Paper 3: “Technology-enhanced learning journal systems as effective boundary objects in initial VET” Alberto Cattaneo, Elena Boldrini, Elisa Motta, Carmela Aprea</p> <p>Paper 4: “‘Aha, now I get it!’ Capturing students’ learning processes during knowledge development in senior secondary vocational education.” Wenja Heusdens, Liesbeth Baartman, Elly de Bruijn</p>	<p><u>Preservice teachers pedagogical training and skills development:</u></p> <p>Chair: Anders Lund</p> <p>“The emerging role of the ‘Critical Colleague’ in supporting school-based masters-level learning for teachers” Morag Redford, Valerie Drew, Alison Fox, Cate Watson</p> <p>“Student teachers engaging with professional criteria: an analysis of peer feedback during microteaching sessions” Thomas de Lange, Monika Nerland</p> <p>“Conception, implementation and evaluation of an error identification and management training program for German pre-service teachers” Eveline Wuttke, Juergen Seifried, Claudia Krille, Oliver Paul, Alexander Baumgartner</p>	<p><u>Enhancing learning and change at work:</u></p> <p>Chair: Filip Dochy</p> <p>“Re-integrating low-skilled unemployed adults into the labour market: The unused potentials of work-based learning” Alexandra Dehmel</p> <p>“Development and Validation of the Learning Culture Inventory (LCI)” Frederic Hilkenmeier, Niclas Schaper</p> <p>“Changing companies through scientific knowledge? Joint work analysis as a tool for Professional and Organizational Development.” Laure Kloetzer</p>

Friday, August 29

11.00-12.00 Keynote speaker: Åsa Mäkitalo; “Researching Professional Learning in Transformation: Challenges and emerging practices” Chair: Monika Nerland

Parallel session:
13.30-15.00

7A Paper session Room U31

Learning pedagogical and domain specific knowledge in teacher education:

Chair: Elly de Bruijn

“The Development of Teacher Professional Knowledge from the Perspectives of University Lecturers, Experienced Teachers and Teacher Students” **Michaela Artmann, Petra Herzmann**

“How do general pedagogical knowledge and teacher’s self-efficacy at the onset of teacher education depend on teaching experience and prior education?” **Cynthia Vaudroz, Jean-Louis Berger, Céline Girardet, Carmela Aprea, Fanny Boraita**

“Economic competence of teacher students – Results from a pilot study” **Christin Siegfried, Eveline Wuttke**

7B Paper session Room 231

Professional judgment and reflection in practice:

Chair: Monika Nerland

“Uninformed and Unaware - Enabling Professionals to Make Informed Judgments in Low-Validity Environments” **Therese Grohnert, Roger Meuwissen, Wim Gijsselaers**

“Modelling preconditions of reflection in professional practice” **Stefanie Hetzner, Hans Gruber**

7D Paper session Room 265

Informal learning at work:

Chair: Regina Mulder

“Mimetic learning at work” **Stephen Billett**

“Learning from Everyday Social Interaction in the Workplace—A Diary Study with Trainees” **Andreas Rausch**

“Fearful or hopeful? On the relation between emotions and employees’ informal learning” **Johanna Schneider, Simon Beusaert**