MONDAY July 4th 2016

8.30-9.00      Registration (Minerva, Siltavuorenpenkor 5A)
9.00-10.30     Registration and Welcome Coffee
10.30-10.50    Opening Session (Aurora, Auditorium 230)
11.00-12.00    Keynote 1 (Aurora, Auditorium 230)
                Päivi Tynjälä   Towards "future-proof" education

12.00-13.15    Lunch (Hotel Arthur, Vuorikatu 19)
13.15-14.45    Poster Session (PO1)

**PO1a Supervision and Research**  
*Chair: Alisa Tóth*

**Room: Minerva Plaza, K232**

PO1.1 Kelsey Inouye  
Using supervisor feedback in developing and revising the research proposal

PO1.2 Mirjam Burget  
Science teachers’ understanding of responsible research and innovation in school practice

PO1.3 Miikka de Vocht  
Profiling teachers’ attitudes about teaching responsible research and innovation

**PO1b Instructional Design**  
*Chair: Tino Endres*

**Room: Minerva Plaza, K222.1-222.2**

PO1.4 Anica Betz  
Experiencing authentic science in a linguistic reach out lab - A questionnaire study

PO1.5 Marie Vanderbeke  
Pupils' perceptions of authenticity in bilingual reach out labs

PO1.6 Sabrina Wiescholek  
Influences on six-year-olds’ enjoyment and frequency of literacy activities

PO1.7 Lisa Pagel  
E-books do not threaten the validity of the traditional book question - yet
PO1c Teaching and Teacher Education

Chair: Jerich Faddar

Room: Minerva Plaza, K226

PO1.8 Tommi Kokkonen On the learning of relational concepts in physics

PO1.9 Jaël Muls Encounters between teachers on social media: an exploratory study of the role of a Facebook group within their teaching practice in secondary education

PO1.10 Lisa Steffensen Climate change and critical mathematics education

PO1.11 Susanne Heininger Teachers appraise evidence - Appraisal scale for empirical educational evidence

14.45-15.15 Coffee Break

15.15-17.15 Workshops

D. Gijbels & E. Williams What to consider when writing an article into an international journal?

Room: Minerva Plaza, K222.1-222.2

Liesje Coertjens Missingness in longitudinal data: Current & recommended practice

Room: Minerva Plaza, K226

Pirjo Nikander Longitudinal qualitative research: Evidence-Practice-Ethics

Room: Minerva Plaza, K232

19.00-22.00 Welcome Reception
TUESDAY July 5th 2016

8.30-9.00  Registration (Minerva, Siltavuorenpuenger 5A)

9.00-10.30  Paper Session (PA2)

**PA2a Education and Society**
**Chair:** Maria Psyridou
**Room:** Minerva Plaza, K232

PA2.1 Janina Eberhart & Carolyn Seybel  
Early childhood education and care research and evidence-based ECEC policy-making - A systematic comparison of longitudinal studies in the UK, New Zealand and Germany

PA2.2 Lotta Tikkanen  
What makes a large scale reform successful? Factors affecting the success of core curriculum reform in Finland

PA2.3 Natascha Massing  
Participation in adult education and gender: Analyzing individual barriers across different welfare state regimes

**PA2b Learning and Professional Development**
**Chair:** Tim Post
**Room:** Minerva Plaza, K222.1-222.2

PA2.4 Hans Tierens  
Determinants of starting a teaching career: A multilevel analysis

PA2.5 Anitta Melasalmi  
Examining preschool teachers' socially shared professional identities

PA2.6 Antoine Lecat  
On the role of (in)formal learning in teachers’ employability and innovative working behavior across career phases

**PA2c Motivation and Emotion**
**Chair:** Manuel Längler
**Room:** Minerva Plaza, K226

PA2.7 Myriam Halimi  
Pupils’ gender role attitudes in first grade secondary education: Trajectories of change

PA2.8 Tatjana Taraszow  
Individual and Family-Related Determinants of Students’ Gender Role Orientation

PA2.9 Csaba Gáspár  
The relationship between social problem solving and empathy among 12-, 15-, and 18-year-olds
PA2d Teaching and Teacher Education  
**Chair:** Christin Siegfried  

**Room:** Minerva, K113  

**PA2.10 Ben Beernaert**  
Dynamics of student trust in teachers in the first two years of secondary education: A multilevel longitudinal approach  

**PA2.11 Sanna Ulmanen**  
Teachers’ role in promoting students’ emotional engagement  

**PA2.12 Shengnan Wang**  
Class-level teacher expectations and teacher expectation effects in junior high schools in China  

**PA2.13 Patricia Köpfer**  
Students’ perception of teachers’ professional error competence - development of an instrument  

**Roundtable session (RT3)**  

**RT3a Assessment and Evaluation  
Chair:** Attila Rausch  

**Room:** Minerva, K115  

**RT3.1 Tina Stoquart**  
The effectiveness of different levels of feedback in computer-based learning environments: a multi-modal approach  

**RT3.2 Lukas Begrich**  
Measuring teaching processes using first impressions  

10.30-10.50 Coffee Break  

11.00-12.00 Keynote 2 (Aurora, Auditorium 230)  

Christian Harteis  
Preparing for dynamic work environments: Understanding expertise in domains of work  

12.00-13.15 Lunch (Hotel Arthur, Vuorikatu 19)  

13.15-14.45 SIG Invited Symposia  

**Transformative agency for conceptual change in educational settings (SYMP1)**  

**Organiser:** SIG 25 (Educational Theory)  

**Chairs:** Monica Lemos, Maria Safronova, Yuri Lapshin and Martin Kramer  

**Room:** Minerva Plaza, K226  

**Discussant:** Ritva Engeström  

Monica Lemos  
Educational management in praxis: Moving beyond school walls  

Maria Safronova  
Modernization of Teacher Education Programs: from Conflict of Motives towards Reflective Teaching  

Yuri Lapshin  
Collective agency development through joint concept formation  

Martin Kramer  
We don’t see things as they are: Challenging teachers’ individual and collective worldviews
Teaching and learning generic skills in higher education (SYMP2)

Organiser: SIG 4 (Higher Education)  
Chair: Liisa Postareff

Room: Minerva, K113

Discussant: Päivi Tynjälä

- Tarja Tuononen, Anna Parpala  
Development of generic skills in relation to learning

- Rachelle Esterhazy  
The role of social interaction for developing feedback literacy in higher education students – an observation study

- Carla Bohndick, Susanne Kohlmeyer, & Heike Buhl  
Promoting learning of generic skills in higher education by internet-based self-assessment

- Kaire Uiboleht, Mari Karm, & Liisa Postareff  
Students' self-reported learning outcomes in consonant and in disconsonant teaching-learning environments: a comparative study

From neuroscience to the classroom: Emotions are not left in the lunch-break (SYMP3)

Organiser: SIG 22 (Neuroscience and Education)  
Chair: Kelly Trezise

Room: Minerva Plaza, K222.1-K222.2

Discussant: Jacob M. Paul

- Annie Brookman  
The role of inhibitory control in adolescent mathematical and scientific reasoning

- Riikka Sorvo  
Longitudinal relationships between math anxiety and basic arithmetic skills among primary school children

- Kelly Trezise  
Characterising math anxiety experienced solving algebra problem

- Jacob M. Paul  
Educational Neuroscience and its contribution to learning and instruction: A critical review

14.45-15.15  Coffee Break
15.15-17.15  Workshops

Samantha Brunt  Writing academic papers in English
Room: Minerva Plaza, K226

Liisa Postareff  The process of qualitative content analysis
Room: Minerva Plaza, K232

Petri Nokelainen  Bayesian nominal indicator modelling
Room: Minerva Plaza, K222.1-K222.2

Christian Harteis  Investigating what we are not aware of: Experiences from research on expertise
Room: Minerva, K113

18.00  Art museum visit: Helsinki Art Museum (registration required)

19.00-21.00  Sauna (registration required)
WEDNESDAY July 6th 2016

8.30-9.00  Registration (Minerva, Siltavuorenpenge 5A)

9.00-10.30  Paper Session (PA4)

PA4a Higher Education  
**Chair:** Elena Soto-Calvo  
**Room:** Minerva Plaza, K226

PA4.1 Petrie van der Zanden  
Being successful at university: A systematic review of the factors critical to first-year university student success

PA4.2 Külli Kori  
Profiles of higher education information technology students in Estonia - How to support students to reduce dropout?

PA4.3 Kristina Kuznetsova-Bogdanovits  
Understanding and managing the needs of contemporary arts students: the case of higher education in music in Estonia and Finland

PA4.4 Antje Reichert  
Life goals and personality traits of students from different groups of academic disciplines

PA4b Instructional Design  
**Chair:** Heli Muhonen  
**Room:** Minerva Plaza, K232

PA4.5 Franziska Bouley  
Competence acquisition in accounting lessons - A comparison of didactical approaches from teachers’ view

PA4.6 Julia Westphal  
How do learners with a serialist or holist learning approach learn with different instructional formats?

PA4.7 Minh Hien Vo  
The effect of blended learning on student performance at course-level: A meta-analysis

PA4.8 Ruth Boelens  
Adult educators’ beliefs about learners with different educational backgrounds and their related approaches to differentiated instruction in blended learning environments
**PA4c Motivation and Emotion**  
**Chair:** Laura Pylväs

**Room:** Minerva, K113

**PA4.9** Sabrina Navratil  
The interaction of learners' emotional state and learning with inference prompts

**PA4.10** Anna Rawlings  
The predictions of temperament on course-specific motivational appraisals and achievement in general upper secondary school

**PA4.11** Kristin Schotte  
The role of cultural identity in academic achievement and psychological well-being of immigrant students

**PA4.12** Janina Jasper  
Measuring cultural hybridized identity in the context of citizenship

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**PA4d Special Educational Needs**  
**Chair:** Carolyn Seybel

**Room:** Minerva, K115

**PA4.13** (Annie) Zhuoni Cai  
Teacher expectations for children with autism spectrum disorders

**PA4.14** Ariane Paccaud  
Special educational needs, goal setting and curricular access: How do Swiss teachers deal with these (sometimes contradictory) concepts?

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**Roundtable session (RT5)**

**RT5a Teaching and Teacher Education**  
**Chair:** Sanna Ulmanen

**Room:** Minerva Plaza K222.1-222.2

**RT5.1** Maria Iacovou  
The voice of adolescents at the edge of schooling: Ethnographic calibrations

**RT5.2** Yili Wang  
The formation and change of preschool children’s friendship network during one pedagogical season

**RT5.3** David Van de Water  
From supply-driven to demand-oriented academic education

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**10.30-10.50**  
**Coffee Break**

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**11.00-12.00**  
**Keynote 3 (Aurora, Auditorium 230)**

**Piet Van den Bossche**  
A relational view on professional learning

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**12.00-13.15**  
**Lunch (Hotel Arthur, Vuorikatu 19)**
13.15-14.45  Roundtable Session (RT6)

**RT6a Best of JURE Roundtable**

*Room: Minerva Plaza, K226*

**Chair:** Milla Räisänen

RT6.1 Ellen Houben  The reciprocal relationship between perceived employability and work-related learning: The influence of level of education

RT6.2 Franziska Baier  Investigating personalization as a value-adding feature of blended learning

RT6.3 Nicole Ackermann  «The economically competent citizen»: Modelling and measuring civic economic competence of high school students in German-speaking Switzerland

RT6.4 Alisa Tóth  Framework of colour perception and appreciation: aesthetic and non-aesthetic experiences of colour

**RT6b Learning and Professional Development**

*Room: Minerva Plaza, K222.1-222.2*

**Chair:** Hans Tierens

RT6.5 Dietrich Wagner  Fostering students’ ability, intention and willingness for ethical reflection at a business school

RT6.6 Shannon Rushe  Professor expectations and student interpretations of academic skills

RT6.7 Eva Vermeire  Fostering work-related learning in internships: A subjective view on objective contexts

RT6.8 Benjamin Salge  Identification of individual and institutional incentives and barriers to continuing vocational education and training (CVET) among fringe groups for the development of targeted CVET measures

**RT6d Teaching and Teacher Education**

*Room: Minerva, K113*

**Chair:** Patricia Köpfer

RT6.9 Marjolein Cox  A systems thinking approach in geography education in secondary schools

RT6.10 Monica Pentassuglia  Teachers’ practice and educational research: The arts-based research perspective

RT6.11 Roni Zohar  From collective choreography to angular velocity by leveraging marking and discourse

14.45-15.15  Coffee Break
15.15-17.15  Workshops

Kirsi Pyhältö  Researcher communities are resource for early career researchers
   Room: Minerva, K113

Auli Toom  Video observation in research on learning and instruction
Liisa Postareff
   Room: Minerva Plaza, K222.1-K222.2

Piet Van den Bossche  Teamwork = team learning
   Room: Minerva Plaza, K226
THURSDAY July 7th 2016

8.30-9.00  Registration (Minerva, Siltavuorenpenger 5A)

9.00-10.30  Paper Session (PA7)

**PA7a Best of Paper Session**  
Chair: Floor Binkhorst  
Room: Minerva Plaza, K226

PA7.1 Jaana Isohätälä  How does participation in collaborative interaction foster socially shared regulation of learning?

PA7.2 Maria Psyridou  Reading fluency and reading comprehension of late talkers: A follow up from age two to sixteen

PA7.3 Carla Bohndick  The relationship between subjective fit and academic success. An application of the person-environment fit theory

PA7.4 Heli Muhonen  Knowledge-building patterns in educational dialogue

**PA7b Assessment and Evaluation**  
Chair: Ben Beernaert  
Room: Minerva, K113

PA7.5 Andrea Magyar  Comparing the measurement effectiveness of online linear and adaptive tests versions of word reading skills

PA7.6 Yves Blieck  A reference framework for quality assurance and improvement in adult education for online and blended learning: A qualitative study

PA7.7 Attila Rausch  Online assessment of early numerical skills in kindergarten - Results of a pilot study
PA7c Instructional Design

Chair: Julia Westphal

Room: Minerva Plaza, K222.1-K222.2

PA7.8 Tino Endres  Adaptive retrieval practice to enhance learning
PA7.9 Britt Adams  Improving adolescents’ advertising literacy through education: The perceptions of teachers
PA7.10 Nicole Furlan  Feedback in vocational education and training: A multimodal Perspective

PA7d Teaching and Teacher Education

Chair: Iina Männikkö

Room: Minerva Plaza, K232

PA7.11 Christin Siegfried  The impact of teacher training on economic competence of teacher students
PA7.12 Loth Van Den Ouveland  Expectations of teacher performance: An exploratory study in Flemish secondary schools
PA7.13 Olga Chernikova  From observing to teaching: A meta-analysis on effects of observational learning in teacher education

Roundtable session (RT8)

RT8a Learning and Teaching in Diverse Settings

Chair: Antje Reichert

Room: Minerva, K115

RT8.1 Tony Burner  "School of the future?", Or how to work with culturally and linguistically diverse classrooms
RT8.2 Eleni Damianidou  Facing the future of inclusive education through the eyes of secondary education teachers
RT8.3 Michèle Collenberg  Developing intercultural competences in preservice teacher education
RT8.4 Athanasia Poyiazi  Diversity on television and the role of school

10.30-10.50  Coffee Break

11.00-12.00  Keynote 4 (Minerva Plaza, K226)

Kirsti Lonka  Inspiring learning environments in higher education - Physical, virtual, social and psychological aspects

12.00-13.15  Lunch (Hotel Arthur, Vuorikatu 19)
13.15-14.45  Poster Session (PO9)

**PO9a Best of Poster Session**

Chair: Kristin Vanlommel

Room: Minerva Plaza, K226

PO9.1 Janina Lehmann  Differences in learning with auditory, musical and visual learning material

PO9.2 Sarah Gray  Number specific and general cognitive markers of preschoolers’ math ability profiles

PO9.3 Christa Krijgsman  Assessment practices: within-student fluctuations in perceived motivational experiences across lessons

PO9.4 Iines Palmu  The longitudinal relation between academic performance and externalizing behavior problems: transition from primary to secondary school (A cross-lagged analyses)

PO9.5 Katariina Nuutila  The consistency and longitudinal predictions of elementary school students’ task motivation in mathematics

**PO9b Education and Society**

Chair: Lotta Tikkanen

Room: Minerva, K115

PO9.6 Marcel Mierwald  "Is it just a matter of beliefs?" - The relationship between students’ epistemological beliefs and their argumentation skills in history

PO9.7 Johanna Fee Ziemes  Formation of a political identity in the adolescence

PO9.8 Eleonora Esposito  Language as a link between interpretative theory of mind and development of symbolic understanding of maps

**PO9c Learning and Professional development**

Chair: Antoine Lecat

Room: Minerva Plaza, K232

PO9.10 Linda Puppe  Professional development of sculptors

PO9.11 Claudia Krille  Concept of a multi-method study to identify relevant aspects of teachers’ training motivation

PO9.12 Shannon Rushe  Investigating the effect of physical spaces on learning perception: A case study of first year Business students

PO9.13 Cecilie Enqvist-Jensen  Learning to doubt: An analysis of law students' collaborative problem solving

**PO9d Motivation and Emotion**

Chair: Myriam Halimi

Room: Minerva, K113

PO9.14 Krisztina Nagy  The effect of structural changes in social relations on the development of school attachment in elementary school

PO9.15 Pauliina Parhiala  Learning difficulties, school motivation and well-being in adolescence

PO9.16 Szilvia Hegedus  New tendencies and developmental opportunities of prosocial behavior in early childhood
PO9e Regulation and interest development  
**Chair:** Csaba Gáspár

**Room:** Minerva Plaza, K222.1-222.2

**PO9.17** Marta Sobocinski  
Recognizing social regulation during collaborative learning using physiological data

**PO9.18** Sabrina Uldry  
Environmental self-regulated strategies at school, the role of open learning, presence, and academic goals

**PO9.19** Dorothy Duchatelet  
Simulations of decision making: What makes worth the effort? Identifying their impact on students' interest development

14.45-15.15  **Coffee Break**

15.15-17.15  **Workshops**

**Eva Kyndt**  
Writing a systematic review: The ultimate investment for your Phd!?  
**Room:** Minerva Plaza, K226

**Sven De Maeyer**  
Introduction to R and RStudio  
**Room:** Minerva, atk K219

**Petri Nokelainen**  
Issues on study design (replacing workshop)  
**Room:** Minerva Plaza, K222.1-222.2

**Lauri Hietajärvi, Lauri Vaara**  
Engaging technology-mediated knowledge building in higher education – preventing boreout?  
**Room:** Minerva, K232

19.00-23.00  **Conference Dinner (Suomenlinna)**
FRIDAY July 8th 2016

8.30-9.00   Registration (Minerva, Siltavuorenpenger 5A)
9.00-10.30  Paper Session (PA10)

<table>
<thead>
<tr>
<th>PA10a Assessment and Evaluation</th>
<th>Chair: Yves Blieck</th>
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<tbody>
<tr>
<td><strong>Room: Minerva Plaza, K222.1-222.2</strong></td>
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<tr>
<td>PA10.1 Pihel Hunt</td>
<td>Using a rubric for the performance-based assessment of student teachers</td>
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<td>PA10.2 Jerich Faddar</td>
<td>Are respondents thinking what the instrument developer intended? A study on the cognitive validity of school self-evaluation instrument results</td>
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<td>PA10.3 Tauno Palts</td>
<td>Assessing components of the model of developing computational thinking</td>
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<tr>
<th>PA10b Motivation and Emotion</th>
<th>Chair: Jaana Isohätälä</th>
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<td><strong>Room: Minerva Plaza, K232</strong></td>
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<tr>
<td>PA10.4 Stijn Van Laer</td>
<td>Adults’ self-regulatory behaviour profiles in blended learning environments and their implications for design</td>
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<td>PA10.5 Silke</td>
<td>Predicting adult learners’ intent-to-persist, satisfaction and performance in online and blended learning environments</td>
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<td>Vanslambrouck</td>
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<td>PA10.6 Seraina Leumann</td>
<td>Mental representations of domain-specific conceptions of financial literacy: The case of Swiss VET teachers</td>
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<th>PA10c Motivation and Emotion</th>
<th>Chair: Sabrina Navratil</th>
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<td><strong>Room: Minerva Plaza, K226</strong></td>
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<tr>
<td>PA10.7 Solveig Cornér</td>
<td>Doctoral students' experiences of supervision and study-related burnout in the doctoral journey</td>
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<td>PA10.8 Gabriela Gonzalez-Ocampo</td>
<td>Supervisors’ perspectives about doctoral writing in the Social Sciences and Humanities</td>
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PA10d Teaching and Teacher Education  
**Chair:** Olga Chernikova  
**Room:** Minerva, K113

- **PA10.9** Jolien Maes: Can physical education teachers be trained to assess students in a more motivating way?
- **PA10.10** Maria Gaetana Catalano: The use of a standardized instrument to promote reflective processes in pre-service teachers
- **PA10.11** Christin Siegfried: Teaching teachers to teach economics - Development of a questionnaire to evaluate economic pedagogical content knowledge

**10.30-10.50** Coffee Break

**11.00-12.30** Paper Session (PA11)

**PA11a Education and Science**  
**Chair:** Floor Binkhorst  
**Room:** Minerva Plaza, K232

- **PA11.1** Popi Anastasiou: Digital storytelling in science class: a lesson to be learned
- **PA11.2** Kaisa Jokiranta: Qualitative methodology for analysing classroom argumentation in physics education
- **PA11.3** Gamze Turkmen: Visuospatial problem solving: A simultaneous observation via eye-tracking and functional near infrared spectroscopy (fNIRS)

**PA11b Motivation and Emotion**  
**Chair:** Anna Rawlings  
**Room:** Minerva Plaza, K222.1-222.2

- **PA11.4** Sandra Becker: How emotions affect mathematical reasoning in differential ways
- **PA11.5** Rossana Barros: Multiplicative reasoning and arithmetic help children understand fractions
- **PA11.6** Emmanuel Adu-tutu Bofah: The role of social support network and motivational beliefs on mathematics achievement: Mediation by motivational beliefs and moderation by gender

**PA11b Teaching and Teacher Education**  
**Chair:** Nicole Furlan  
**Room:** Minerva, K113

- **PA11.7** Prisea Paulieke: One classroom one interpretation? How the camera perspective of the observers affect on the evaluation of the quality of teaching
- **PA11.8** Sebastiano Cincinnato: How need-supportive teaching practices can be promoted: A Self-determination approach
- **PA11.9** Sanni Pöysä: Quality of teacher-student interaction contributes to students’ situational engagement

**12.30-13.15** Lunch (Minerva)
<table>
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<tr>
<th>Session</th>
<th>Title</th>
<th>Presenter(s)</th>
<th>Abstract</th>
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<tbody>
<tr>
<td>PA12a</td>
<td>Assessment and Evaluation</td>
<td>Chair: Petrie van der Zanden</td>
<td>Room: Minerva Plaza, K232</td>
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<td>PA12.1</td>
<td>Yves Blieck</td>
<td>Consensus among stakeholders about critical indicators for quality of online and blended learning in adult education: Preliminary results of a Delphi study</td>
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<td>PA12.2</td>
<td>Anh-Nguyet Diep</td>
<td>Understanding the effects of core self-evaluation and online interaction on adults’ learning performance and social capital</td>
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<td>PA12.3</td>
<td>Celine Cocquyt</td>
<td>Examining social inclusion and social capital development among adult learners in blended and online learning environments</td>
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<td>PA12b</td>
<td>Mathematics</td>
<td>Chair: Carla Bohndick</td>
<td>Room: Minerva, K113</td>
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<td>PA12.4</td>
<td>Elena Soto-Calvo</td>
<td>Counting counts: Sequential and cardinal counting at school entry predict growth in early mathematical attainment</td>
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<td>PA12.5</td>
<td>Gabriela Rodríguez-Aflecht</td>
<td>Digital mathematics game number navigation: Predictors, outcomes, and trajectories of situational interest</td>
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<td>PA12.6</td>
<td>Jani Hannula</td>
<td>Prospective mathematics teachers’ conceptions of the relationship between university mathematics and school mathematics with relation to mathematical thinking and teacher knowledge</td>
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<td>PA12c</td>
<td>Motivation and Emotion</td>
<td>Chair: Solveig Cornér</td>
<td>Room: Minerva Plaza, K222.1-222.2</td>
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<td>PA12.7</td>
<td>Johanna Fee Ziemes</td>
<td>Stages of gifted identity formation</td>
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<td>PA12.8</td>
<td>Manuel Längler</td>
<td>Peers, parents, and teachers: Different persons in the shadow of expert guitarists</td>
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<td>PA12.9</td>
<td>Tim Post</td>
<td>Towards an interdisciplinary, psychological framework of learning ability</td>
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PA12d Teaching and Teacher Education  
Chair: Gabriela Gonzalez-Ocampo

Room: Minerva Plaza, K226

PA 12.10 Mei Lan Chan  
A phenomenographic study of medical students’ strategies in learning English

PA12.11 Iina Männikkö  
How teachers combine their student- and content-related notices of teaching practices in attention demanding situations

PA12.12 Xuying Fan  
Teachers’ understanding of thinking skills in EFL (English as a Foreign Language) classrooms

PA12.13 Marina Casadellà  
Language teachers’ training. A longitudinal case study about teachers’ conceptions of teaching written composition in a learning community context

14.45-15.00  Break

15.00-15.30  Closing Session (Minerva Plaza, K226)