



# JURE 2024

CONFERENCE PROGRAMME

Conference Annotations:

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PLEASE NOTE THAT LUNCH IS SERVED FROM 12:30 - 13:30. FROM 13:30 - 14:00 THE ROOMS WILL BE CLEANED AHEAD OF THE START OF THE NEXT SESSION.

Session A: 1

Time: 11:00-12:30

Location: Aula 12

### SINGLE PAPER: TACKLING CHALLENGES IN EARLY CHILDHOOD EDUCATION

#### Chair

Idwer I Doosje, Universiteit Utrecht / Hogeschool Utrecht, Netherlands

#### Preservation of a minority home language: A family language policy perspective in Southwest China

Keang Ieng Vong, The University of Macau, China; Sio Fan (Lisa) Lam, University of Macau, Macao; Bing Wei, University of Macau, Macao

#### Exploring Nature Worldviews in Environment-themed Children's Books Across Cultures

Sabiha Üzümlü, Middle East Technical University, Türkiye; Ceren Baser Kanbak, Middle East Technical University, Türkiye

#### Overview of violence against children focusing on child disciplinary practices – A global scenario

Shweta Hegde, Martin-Luther-Universität Halle-Wittenberg, Germany, Germany

Session A: 2

Time: 11:00-12:30

Location: Aula Máster 1

### SINGLE PAPER: READING COMPREHENSION

#### Chair

Evropi Efthymiadou, Aristotle University of Thessaloniki, Greece

#### Learning Context Moderates the Effects of Reading Medium on Comprehension and Metacomprehension

Angelica Ronconi, University of Padova, Italy; Gianmarco Altoè, University of Padova, Italy; Lucia Mason, University of Padova, Italy

#### Eye-movement patterns while reading a text with images in hearing and deaf children

Adrián Solís-Campos, Universidad de Sevilla, Spain; Nadina Gómez-Merino, University of Valencia / Interdisciplinary Research Structure for Reading Research (ERI Lectura), Spain; Isabel R. Rodríguez-Ortiz, Universidad de Sevilla, Spain; David Saldaña, Universidad de Sevilla, Spain

#### The Role of Executive Functions in Reading Performance of Deaf and Hearing Young Adults

Marta Ortiz Gómez, Facultad de Psicología, Universidad de Sevilla, Spain; David Saldaña, Universidad de Sevilla, Spain; Fiona Kyle, Deafness, Cognition and Language (DCAL) Research Centre, University College London, United Kingdom; Ian C. Simpson, University of Granada, Spain; Isabel R. Rodríguez-Ortiz, Universidad de Sevilla, Spain

Session A: 3

Time: 11:00-12:30

Location: Aula Máster 2

### SINGLE PAPER: MULTICULTURAL EDUCATION

#### Chair

Lore Bellemans, University Ghent, Belgium

#### Conceptualizing Education for Sustainable Development in Urban Secondary Schools

saphia zenasni, Vrije Universiteit Brussel (VUB), Belgium

#### Exploring Students' Perceptions of Engaging in Anonymous Discussions in UK University Classrooms

Peiyu Wang, University of Nottingham, United Kingdom

#### Perceptions from Roma students regarding their sense of belonging to their school.

Norma Salgado Orellana, Universidad Autónoma de Chile, Chile

Session A: 4

Time: 11:00-12:30

Location: Aula 5

**POSTER PRESENTATION: PRE-SERVICE TEACHERS' PROFESSIONAL DEVELOPMENT****Chair**

Denis Moynihan, Dublin City University, Ireland

**Why Voluntary Teach? The Motivation of Volunteer Student Teachers to Enter the Teaching Profession**

Yingying HE, University of Helsinki, Finland; Katriina Maaranen, University of Helsinki, Finland; Kirsi ja Tirri, University of Helsinki, Finland

**Difficulties and support during an inquiry practicum: Pre-service teachers and mentors' experiences.**

Natalia Contreras, Universitat Ramon Llull - Blanquerna, Spain; Eva Liesa, Ramon Llull University, Spain; Paula Mayoral Serrat, Ramon Llull University, Spain; Montserrat Alguacil, Ramon Llull University, Spain

**Teachers' new approach to Physical Literacy in Early Childhood Education**

Vilija Gerasimoviciene, Vilniaus kolegija | Higher Education Institution, Faculty of Pedagogy; Mykolas Romeris University, Lithuania

**Early career teachers' professional agency in the classroom in Finland and China**

Liyuan E, University of Helsinki, Finland

**Does pre-service teachers' gaze in the classroom reflect their attitudes towards gender?**

Sylvia Gabel, University of Augsburg, Germany; Alijagic Aldin, University of Augsburg, Germany; Özün Keskin, University of Augsburg, Germany; Andreas Gegenfurtner, University of Augsburg, Germany

**Gender Inequalities among In-Service and Pre-Service Teachers in STEM**

Özün Keskin, University of Augsburg, Germany

Session A: 5

Time: 11:00-12:30

Location: Aula 1

**ROUNDTABLE: TEACHER COMPETENCIES AND SKILLS****Chair**

Gabriel Parriaux, Haute école pédagogique du canton de Vaud (HEP Vaud), Switzerland

**Teacher competencies from the perspective of primary school children – a mixed-methods study**

Lisa Hirzler, Pädagogische Hochschule Heidelberg, Germany

**Gender differences in teacher reactions to disruptive student behaviour? A video-based analysis**

Sophie Harms, Humboldt-Universität zu Berlin, Germany

Session A: 6

Time: 11:00-12:30

Location: Aula 4

**ROUNDTABLE: BEST OF JURE - ROUNDTABLE****Chair**

Natalia Molina Otero, University of Zurich, Switzerland

**The role of family characteristics in a motivation and achievement intervention study**

Lisa Benckwitz, IPN Leibniz Institute for Science Education, Germany; Bastian Carstensen, IPN - Leibniz Institute for Science and Mathematics Education, Germany

**Transfer from simulation to reality: A novel approach to teach airway management in mountain rescue.**

Stefan Hanus, University of Regensburg, Germany; Helen Jossberger, University of Regensburg, Germany; Hans Gruber, University of Regensburg, Germany

**Scientific accompaniment of school reforms using mixed-methods designs**

Marina Grgic, Pädagogische Hochschule Bern, Switzerland

Session A: 7

Time: 11:00-12:30

Location: Aula 11

**ROUNDTABLE: TECHNOLOGY-ENHANCED LEARNING AND INSTRUCTION****Chair**

Joy Muth, University of Vienna, Austria

**Development of a gamified educational tool to train about climate change**

Sara Torre, University of Bari, Italy

**A proposed intervention study to measure the impact of chatbots on student learning**

Rasmus Hansen, Aarhus University, Denmark

**Does What Can Be Seen of the Instructor Matter? Instructor Video Visuals in Multimedia Learning**

Yu-Jr Lan, Kyoto University, Japan; Emmanuel Manalo, Kyoto University, Japan

Workshops I: 1

Time: 14:00-15:30

Location: Aula 13

**JURE 2024 WORKSHOP: WRITING A SUCCESSFUL RESEARCH FUNDING APPLICATION**

**Writing a successful research funding application**  
Jo Van Herwegen, UCL Institute of Education, United Kingdom

Workshops I: 2

Time: 14:00-15:30

Location: Aula 14

**JURE 2024 WORKSHOP: IMPROVING RESEARCH RIGOUR WITH REGISTERED REPORTS**

**Improving research rigour with Registered Reports**  
Zoltan Dienes, University of Sussex, United Kingdom

Workshops I: 3

Time: 14:00-15:30

Location: Aula Máster 1

**JURE 2024 WORKSHOP: MIXED-METHODS WORKSHOP**

**Mixed-Methods Workshop**  
Andreas Gegenfurtner, University of Augsburg, Germany

Workshops I: 4

Time: 14:00-15:30

Location: Aula Máster 2

**JURE 2024 WORKSHOP: SCAFFOLDING INTERCULTURALISM IN OUR SCHOOLS AND CLASSROOMS**

**Scaffolding interculturalism in our schools and classrooms**  
Christina Hajisoteriou, University of Nicosia, Cyprus

Session B: 1

Time: 16:00-17:30

Location: Aula 1

**SINGLE PAPER: TEACHING PRACTICES AND SUPPORT FOR SELF-REGULATED LEARNING****Chair**

Venance Timothy, University of Dar es Salaam, United Republic of Tanzania

**Exploring teacher professional vision for student self-regulated learning support in the classroom**

Kateryna Horlenko, Vytautas Magnus University, Lithuania; Lina Kaminskienė, Vytautas Magnus University, Lithuania

**Optimizing the teaching process: Homework and self-regulation learning of students**

Tania Vieites, Universidad Complutense de Madrid, Spain; Rocío González-Suárez, Universidad de La Coruña, Spain; Fátima Díaz Freire, University of A Coruña, Spain; Susana Rodríguez, University of A Coruña, Spain

**Re-examining SRL writing: exploring the nexus of motivation, revised SRL strategies and performance**

Xiaoqi Jin, Zhejiang University, China; Jing Wang, Zhejiang University, China



Session B: 2

Time: 16:00-17:30

Location: Aula 4

**SINGLE PAPER: THE IMPACT OF COMMUNICATION SKILLS ON MOTIVATION AND PERFORMANCE****Chair**

Martina Lattanzi, Università Vita-Salute San Raffaele, Italy

**Engaging messages, students' motivation to learn and performance: The role of emotional intensity**

Samuel Falcon, University of Las Palmas de Gran Canaria, Canary Islands; Jesús Alonso, University of Las Palmas de Gran Canaria, Spain; Jaime Leon, University of Las Palmas de Gran Canaria, Spain

**Encouraging target language use and linguistic risk-taking during short-term-residence-abroad.**

Sebastian Windisch, University of Santiago de Compostela + Universität Wien, Spain

**The Role and Types of Communication in PhD-Students-Supervisor Interactions: A Systematic Review**

Danila Pavliuk, Higher School of Economics (HSE), Russian Federation

Session B: 3

Time: 16:00-17:30

Location: Aula 14

**SINGLE PAPER: TEACHERS' WELLBEING****Chair**

Özün Keskin, University of Augsburg, Germany

**Emotions experienced by lateral entry teachers and their influence on their intention to quit**

Natalia Molina Otero, University of Zurich, Switzerland; Silja Rohr Mentele, University of Zurich, Switzerland; Sarah Forster-Heinzer, University of Teacher Education Lucerne, Switzerland; Doreen Flick-Holttsch, University of Zurich, Switzerland

**A methodology to understand the dynamic of teacher's well-being with digital technologies**

Cécile Vassaux, UNIGE, Switzerland; Gaëlle Molinari, TECFA, Université de Genève, Switzerland; Joris Felder, Haute école pédagogique de Fribourg, Switzerland

**Fostering self-regulation and motivational beliefs in student teachers during long-term internships**

Hanna-Sophie Homann, Leuphana University Lüneburg, Germany

Session B: 4

Time: 16:00-17:30

Location: Aula Máster 1

**SINGLE PAPER: CLASSROOM INTERVENTIONS AND ASSESSMENT****Chair**

Farhad Razeghpour, Ruhr-University Bochum, Germany

**Formative assessment for enhancing students' text comprehension abilities: an experiment in Italy**

Elisa Guasconi, University of Bologna, Italy

**Exploring Students' Receptivity to Feedback: A Latent Profile Analysis**

Luca Bahr, Leibniz Institute for Science and Mathematics Education (IPN), Germany; Lars Höft, IPN - Leibniz Institute for Science and Mathematics Education, Germany; Jennifer Meyer, IPN - Leibniz Institute for Science and Mathematics Education, Germany; Thorben Jansen, IPN - Leibniz Institute for Science and Mathematics Education, Germany

**Empowering academic possible selves: An in class-intervention for vocational high school students**

Evropi Efthymiadou, Aristotle University of Thessaloniki, Greece; Eleftheria Gonida, Aristotle University of Thessaloniki, Greece

Session B: 5

Time: 16:00-17:30

Location: Aula Máster 2

**SINGLE PAPER: MOTIVATION AND SELF-REGULATED LEARNING****Chair**Ana Lucia Urrea Echeverría, Facultad de psicología,  
Univerisdad de Sevilla, Spain**Autonomy-supportive teaching, non-academic ICTs, and student motivation in English-language learning**

Joy Muth, University of Vienna, Austria; Marko Lüftenegger, University of Vienna, Austria

**Empowering The Underdogs: A Meta-Analysis of Feedback Effects on Self-Assessment Accuracy**

Lucas Liebenow, Leibniz Institute for Science and Mathematics Education (IPN), Germany; Fabian Schmidt, University of Hildesheim, Germany; Jennifer Meyer, Leibniz Institute for Science and Mathematics Education (IPN), Germany; Johanna Fleckenstein, University of Hildesheim, Germany

**Promoting study motivation and time management: A digital prevention program for STEM-students**

Lena Sofie Kegel, University of Münster, Germany; Anne Scheunemann, Ruhr-University Bochum, Germany; Sophie von der Mülbe, University of Augsburg, Germany; Jens Fleischer, Ruhr-University Bochum, Germany; Markus Dresel, University of Augsburg, Germany; Stefan Fries, University of Bielefeld, Germany; Detlev Leutner, University of Duisburg-Essen, Germany; Joachim Wirth, Ruhr-University Bochum, Germany; Carola Grunschel, University of Muenster, Germany

Session B: 6

Time: 16:00-17:30

Location: Aula 11

**POSTER PRESENTATION: DIVERSITY AND EQUITY IN SCHOOLS****Chair**

Niina Putkonen, University of Helsinki, Finland

**Socially Sensitive Topics in the Classroom: What Value Narratives are Teachers Subject to?**

Marius Bytautas, Vytautas Magnus University, Lithuania; Sigitas Daukilas, Vytautas Magnus University, Lithuania

**Investigating interaction patterns in secondary education classes with recent migrant students**

Shauny Seynhaeve, Ghent University, Belgium

**Exploring secondary school teachers' attitudes and practices: A survey on diversity and equity**

Katrien Hermans, Hasselt University, Belgium; Elke Emmers, Universiteit Hasselt, Belgium; Patrizia Zaroni, University of Hasselt, Belgium; Katrien Struyven, Hasselt University - UHasselt, Belgium

**Exploring the use of cultural diversity in challenge-based learning contexts**

Cassandra Tho, Wageningen University &amp; Research, Netherlands; Yvette Baggen, Wageningen University &amp; Research, Netherlands; Judith Gulikers, Wageningen University &amp; Research, Netherlands; Perry den Brok, Wageningen University &amp; Research, Netherlands

**Fostering academic language in the multilingual classroom through extensive listening**

Isabel Zins, University of Vienna, Austria

**The reality of educating preschool children from disadvantaged backgrounds**

Sonata Lazauninkiene, Vytautas Magnus University, Lithuania

Session B: 7

Time: 16:00-17:30

Location: Aula 5

**ROUNDTABLE: STUDIES IN HIGHER EDUCATION****Chair**

Lisa Hirzler, Pädagogische Hochschule Heidelberg, Germany

**Shaping the future? Career perspectives in the humanities**

Kirstine Terese Stoksted, Aarhus University, Denmark

**Unraveling the Roots of Belonging and Authenticity: A Qualitative Study of Students' Perspectives**

Anne-Roos Verbree, University Medical Center Utrecht, Netherlands; Leoniek Wijngaards-de Meij, University Utrecht, Netherlands; Gönül Dilaver, University Medical Center Utrecht, Netherlands; Marieke van der Schaaf, University Medical Center Utrecht / Utrecht University, Netherlands

Keynote I: 1

Time: 09:30-10:30

Location: Salón de Actos

**JURE 2024 KEYNOTE: READING ON SCREENS: INSIGHTS FROM THE LAB, THE SCHOOLS AND BEYOND****Chair**

Pablo Delgado, University of Sevilla, Spain

**Reading on screens: insights from the lab, the schools and beyond**

Ladislao Salmerón, University of Valencia, Spain

Session C: 1

Time: 11:00-12:30

Location: Aula 4

**SINGLE PAPER: CHALLENGES AND INNOVATIONS IN INSTRUCTIONAL DESIGN****Chair**

Federica Picasso, University of Trento (I), Italy

**Challenges and needs of corporate technical education and training – a case study**

Lisa Marie Wintersberg, Technical University of Munich, Germany; Daniel Pittich, Technical University of Munich, Germany

**Design Thinking in the Compulsory School's Handicraft Education**

Sanna Merikanto-Tolonen, University of Oulu - Faculty of Education and psychology, Finland; Jari Laru, University of Oulu, Finland; Megumi Iwata, University of Oulu, Finland; Kati Mäkitalo, University of Oulu, Finland

**Pension as a learning object: Design, testing and evaluation of a game-based learning environment**

Merve Suna, University of Mannheim, Germany; Ronja Baginski, University of Mannheim, Germany; Carmela Aprea, University of Mannheim, Germany

Session C: 2

Time: 11:00-12:30

Location: Aula 12

**SINGLE PAPER: TECHNOLOGY-ENHANCED LEARNING****Chair**

Hülya Aldemir, Universidad de Sevilla, Spain

**Examining the Digital Competence, and Intentions, of Pre-service Teachers to use Digital Technology**

Denis Moynihan, Dublin City University, Ireland

**Retrospective Note Prompts Support Learning From Video Tutorials**

Simon A. Schriek, Bielefeld University, Germany; Kirsten Berthold, University of Bielefeld, Germany; Markus H. Hefter, Bielefeld University, Germany

**Instructor (para-)social presence in digital learning environment: Why? When? How often?**

Diana Pak, University of Zurich, Switzerland; Juliette Desiron, University of Zürich, Switzerland; Sascha Schneider, Institute of Education, University of Zurich, Switzerland

**Teachers' Perspectives of Parent-school Communication Using Technology: A Systematic Review**

Suzanne May Shwen Lee, The University of Hong Kong, Hong Kong; Lin Gao, The University of Hong Kong, Hong Kong; Cheng Yong Tan, The University of Hong Kong, Hong Kong; Ariel Qi An, The University of Hong Kong, Hong Kong

Session C: 3

Time: 11:00-12:30

Location: Aula 13

**SINGLE PAPER: CULTURAL DIVERSITY AND CITIZENSHIP EDUCATION****Chair**

Marius Bytautas, Vytautas Magnus University, Lithuania

**Islamic religious education as a weave with the past, the present and the future**

Niina Putkonen, University of Helsinki, Finland

**The multi-narrative history class: students' orientation in time and their diverse social identities**

G.M. van Gaans, University of Amsterdam, Netherlands

**Teachers views on pedagogical challenges during post-war return in Mosul**

Ricarda Derler, University of Graz, Austria; Heike Wendt, University of Graz, Austria; Lubab Zeyad Mahmood, University of Mosul, Iraq



Session C: 4

Time: 11:00-12:30

Location: Aula 14

**SINGLE PAPER: BYSTANDER DYNAMICS AND SOCIAL LEARNING THEORY****Chair**

Meeli Rannastu-Avalos, University of Tartu, Estonia

**Cyberhate's Bystanders: Examining the Influence of Social Learning Theory on Their Responses**

Esperanza Espino, Universidad Loyola Andalucía, Spain; Olga Jiménez-Díaz, Facultad de Ciencias de la Educación. Universidad de Sevilla, Spain; Joaquín A. Mora-Merchán, Universidad de Sevilla, Spain; Rosario Del Rey, Seville University, Spain

**Exploring Adolescent Bystander Profiles in Non-Consensual Sexting through Social Learning Theory**

Mónica Ojeda, Universidad de Sevilla, Spain; Daniela Villa Henao, Facultad de Ciencias de la Educación. Universidad de Sevilla, Spain; Joaquín A. Mora-Merchán, Facultad de Ciencias de la Educación. Universidad de Sevilla, Spain; Rosario Del Rey, Seville University, Spain

**Factors influencing cyberbullying bystanders' responses: A Test of Bandura's Social Learning Theory**

Ana Alcántara, Facultad de Ciencias de la Educación. Universidad de Sevilla, Spain; Rosario Del Rey, Seville University, Spain; José A. Casas-Bolaños, Universidad de Córdoba, Spain; Joaquín A. Mora-Merchán, Facultad de Ciencias de la Educación. Universidad de Sevilla, Spain

Session C: 5

Time: 11:00-12:30

Location: Aula 5

**POSTER PRESENTATION: ENHANCING LEARNING THROUGH INNOVATIVE STRATEGIES****Chair**

Dimitrios Moustakas, Aristotle University of Thessaloniki, Greece

**Improving secondary science assessment with a diagnostic toolkit**

Florian Stern, University of Geneva, Switzerland; Andreas Müller, University of Geneva, Switzerland; Sebastien Roch, University of Geneva, Switzerland

**Who benefits the most? The interaction of interleaved practice and prior knowledge.**

Maria Danzglock, Universität Kassel, Germany; Martin Hânze, University of Kassel, Germany; Roland Berger, Universität Osnabrück, Germany

**Exploring Social Dimensions of a Personalized Learning Environment**

Jose Maria Carazo Abolafia, Universidad de Navarra, Spain; Priya Sharma, The Pennsylvania State University, United States; Angel Sobrino, Universidad de Navarra, Spain

**Challenge-based Learning for Social Entrepreneurship Education in Vocational Schools**

Selina Michel, Technical University Munich, Germany; Manuel Förster, Technische Universität München (TUM), Germany

**Exploring the Impact of Professional Learning Networks: A Systematic Literature Review**

Ariadne Warmoes, Vrije Universiteit Brussel (VUB), Belgium; Iris Decabooter, Hasselt University, Belgium; Katrien Struyven, Hasselt University - UHasselt, Belgium; Els Consuegra, Vrije Universiteit Brussel, Belgium

**Pre-service teachers' futures consciousness**

Iina Hyypä, University of Helsinki, Finland; Antti Laherto, University of Helsinki, Finland; Ilona Södervik, University of Helsinki, Finland; Heidi Krzywacki, University of Helsinki, Finland

**Collaborative Action Research for Critical-Thinking-Infused English Class in Japanese High Schools**

Yukari Abe, Kyoto University, Japan; Emmanuel Manalo, Kyoto University, Japan

Session C: 6

Time: 11:00-12:30

Location: Aula 11

**POSTER PRESENTATION: MOTIVATION, EMOTION AND AFFECT****Chair**

Ceren Baser Kanbak, Middle East Technical University, Turkiye

**A conceptual re-work of early career academic experiences of teaching and work through Perezhivanie.**

Felipe Sanchez, Lancaster University, Chile

**A methodological discussion of Joint Poetic Transcription for researching learning experiences.**

Felipe Sanchez, Lancaster University, Chile

**Overclaiming one's own teaching practice – Development of a new measure**

Roman Zviagintsev, University of Vienna, Austria

**The Psychometric Evidence of the Revised Version of the Adapted Emotional Intelligence Questionnaire**

Ijtihadi Kamilia Amalina, University of Szeged, Doctoral School of Education, Indonesia

**Competition as a Design Feature of an Immersive Virtual Reality Learning Environment**

Charlotte Diekmann, Bergische University Wuppertal, Germany; Claudia Schrader, Bergische Universität Wuppertal, Germany

**To Choose or not to Choose: On the Impact of a Choice Option for Feedback in Digital Assessment**

Livia Kuklick, IPN - Leibniz Institute for Science and Mathematics Education, Germany

**Building Bridges to Success: Examining Motivation and Skill Changes in the Core Competency Course**

Hsinyi Sindy Peng, National Tsing Hua University, Taiwan; Cheng-Lin Lu, Interdisciplinary Program of Management and Technology National Tsing Hua University, Taiwan, Taiwan; Pei-Chi Lin, Assistant professor, International Bachelor Degree Program National Tsing Hua University, Taiwan, Taiwan; Wen-Lan Lin, Associate professor, Institute of Sociology National Tsing Hua University, Taiwan, Taiwan

Workshops II: 1

Time: 14:00-15:30

Location: Aula 13

**JURE 2024 WORKSHOP: FROM FREQUENTIST TO BAYESIAN STATISTICS****From frequentist to Bayesian statistics**

Manuel Perea, University of Valencia / Interdisciplinary Research Structure for Reading Research (ERI Lectura), Spain

Workshops II: 2

Time: 14:00-15:30

Location: Aula 14

**JURE 2024 WORKSHOP: SCIENCE COMMUNICATION AND EARLY CAREER RESEARCHERS****Science communication and early career researchers**

Michael S. C. Thomas, Birkbeck, University of London, United Kingdom

Workshops II: 3

Time: 14:00-15:30

Location: Aula Máster 1

**JURE 2024 WORKSHOP: PUBLISHING IN SCHOLARLY JOURNALS****Publishing in scholarly journals**

Hans Gruber, University of Regensburg, Germany; Ann Corney, Elsevier Ltd, United Kingdom

Workshops II: 4

Time: 14:00-15:30

Location: Aula Máster 2

**JURE 2024 WORKSHOP: REVIEWING SCIENCE: WHY, HOW, AND WRITING IT UP****Reviewing science: why, how, and writing it up**

Helge I. Strømso, University of Oslo, Norway

Session D: 1

Time: 16:00-17:30

Location: Aula 1

**SINGLE PAPER: ONLINE LEARNING STRATEGIES****Chair**

Sophie Harms, Humboldt-Universität zu Berlin, Germany

**Effects of practice testing and feedback on learners' performance in a Massive Open Online Course**

Mi Jin Park, The CUNY Graduate Center, United States; Maria Janelli, Scratch Foundation, United States; Anastasiya A. Lipnevich, CUNY Graduate Center, United States; Terrence Calistro, CUNY Graduate Center, United States; Felix J. Eßer, CUNY Graduate Center, United States

**Deciphering Digital Dynamics: Cluster Analysis of Engagement Patterns in an Influencer Community**

Stephanie Bowles, Penn State, United States

**Investigating the Influence of Training Difficulty on the Learning Outcomes of Medical Students**

Erva Nihan Kandemir, Ecole Normale Supérieure, PSL University, CNRS, France; Jill-Jënn Vie, Soda team, Inria Saclay, France; Adam Sanchez-Ayle, Université Numérique en Santé et Sport (UNESS), France; Olivier Palombi, Université Grenoble Alpes, Grenoble INP, CNRS, Inria, LIG, France; Franck Ramus, École Normale Supérieure, PSL University, EHESS, CNRS, France

Session D: 2

Time: 16:00-17:30

Location: Aula 5

**SINGLE PAPER: LARGE-SCALE ASSESSMENTS AND THE ECONOMICS OF EDUCATION****Chair**

Melina Agha, Europa-Universität Flensburg, Germany

**A comprehensive bibliographical overview of PISA gender gap research**

Jonas Stampka, University Heidelberg, Germany; Nina Jude, University Heidelberg, Germany; David Kaplan, University of Wisconsin-Madison, United States

**Distinguishing Economic and Political Literacy and their Self-Efficacy: An External Validation Study**

Nina Welsandt, University of Duisburg-Essen, Germany

**Digital Competence and Beyond: Exploring Student Success Patterns in PISA 2018 and 2022**

Maren Müller, Centre for International Student Assessment (ZIB), Technical University of Munich, Germany; Doris Lewalter, Technical University of Munich (TUM), Germany; Jennifer Diedrich, TU München / ZIB / PISA, Germany

Session D: 3

Time: 16:00-17:30

Location: Aula 12

**SINGLE PAPER: BEST OF JURE - PAPER****Chair**

Sabiha Üzümlü, Middle East Technical University, Türkiye

**Reading as a Leisure Activity and tool for Well-Being (Views from Deaf and Hearing Students)**

Zhuzhuna Gviniasvili, Åbo Akademi University, Finland

**Gender differences (or similarities?) in Math achievement, metacognition, motivation & emotions**

Dimitrios Moustakas, Aristotle University of Thessaloniki, Greece; Eleftheria Gonida, Aristotle University of Thessaloniki, Greece

**Unravelling the Role of Social, Emotional, and Behavioral Skills on High School Students' Engagement**

Gerardo Pellegrino, University of Padova, Italy; Tommaso Feraco, University of Padova, Italy; Chiara Meneghetti, University of Padova, Italy; Barbara Carretti, University of Padova, Italy

Session D: 4

Time: 16:00-17:30

Location: Aula 14

**SINGLE PAPER: SOCIAL AND EMOTIONAL DEVELOPMENT IN PRIMARY EDUCATION****Chair**

Maria Anastasou, University of Cyprus, Cyprus

**Boosting primary school classroom climate: the role of social-emotional skills and peer relatedness**

Benedetta Zagni, University of Padua - Italy, Italy; Sara Scrimin, University of Padova, Italy; Mark Van Ryzin, University of Oregon, United States; Dario Ianes, Free University of Bolzano, Italy

**Linking school climate and students' social and emotional skills: A secondary analysis of OECD data**

Catarina Castro, University Institute of Lisbon (ISCTE-IUL), Portugal; Maria Clara Barata, University of Coimbra, Portugal; Joana Dias Alexandre, University Institute of Lisbon (ISCTE-IUL), Portugal

**Parental involvement and students' cognitive and behavioral engagement**

Tania Vieites, Universidad Complutense de Madrid, Spain; Sara Fernández Devesa, Universidad de La Coruña, Spain; Maria Cabana Bedoya, Universidad de La Coruña, Spain; Susana Rodriguez, University of A Coruña, Spain

Session D: 5

Time: 16:00-17:30

Location: Aula Máster 2

**SINGLE PAPER: LEARNING AND DEVELOPMENT IN EARLY CHILDHOOD****Chair**

Theresa Bauer, Technical University of Munich, Germany

**Bilingual Preschoolers' Executive Function, and its Relation to Self-regulated Learning.**

Aleksandra Szczesny, Connecticut College, United States

**The impact of spatial skills on engineering in primary school children**

Jonas Schäfer, University of Kaiserslautern-Landau (RPTU), Germany; Timo Reuter, Rheinland-Pfälzische Technische Universität Kaiserslautern - Landau, Germany; Julia Karbach, Department of Psychology, University of Kaiserslautern-Landau, Germany; Miriam Leuchter, RPTU Landau, Germany

**(Re-)migration and international orientation as a resource for the participation of ECE in Kosovo**

Saranda Shabanxhaj, University of Graz, Institute of Education Research and Teacher Education, Austria; Heike Wendt, University of Graz, Austria

Session D: 6

Time: 16:00-17:30

Location: Aula 4

**POSTER PRESENTATION: MOTIVATION AND SELF-REGULATION IN STUDENTS AND TEACHERS****Chair**

Ariadne Warmoes, Vrije Universiteit Brussel (VUB), Belgium

**STEM Motivation at the End of the 8th Grade: A Latent Profile Analysis Approach**

Seppe Hermans, University of Antwerp, Belgium; Loan De Backer, University of Antwerp, Belgium; Peter Van Petegem, University of Antwerp, Belgium

**Students' Misconceptions of SRL and Their Lack of Knowledge Hinder Their Use of SRL Strategies**

Antonia Fischer, Goethe University Frankfurt, Germany; Charlotte Dignath, TU Dortmund University, Germany

**Using retrieval practice during SRL: The effect of the SRL growth mindset intervention and feedback**

Jingshu Xiao, Erasmus University Rotterdam, Netherlands; Martine Baars, Radboud University Nijmegen, Behavioural Science Institute, Netherlands; Kate Xu, Open University of the Netherlands, Netherlands; Julian Roelle, Ruhr University Bochum, Germany; Roman Abel, Ruhr University Bochum, Germany; Fred Paas, Erasmus University Rotterdam/University of Wollongong, Netherlands

**The role of teachers' agency in the relation between their motivation and school context perception**

Carolina Petronilho, Institute of Education - University of Lisbon, Portugal; Sofia Freire, Institute of Education - University of Lisbon, Portugal

**Revealing social dynamics in a dyadic collaborative discussion to promote teacher resilience**

Alba Vallés, University of Lleida, Spain; Marc Clarà, University of Lleida, Spain

**Does theoretical knowledge and cueing foster teacher noticing of disruptions and self-efficacy?**

Isabel Althen, German Institut for Adult Education, Germany; Jessica Fischer, German Institut for Adult Education, Germany; Martin Merkt, Deutsches Institut für Erwachsenenbildung, Germany

**The influence of parametrised tasks on learners' judgements of learning**

Theresa Walesch, University of Education Karlsruhe, Germany; Anja Prinz-Weiß, University of Education Karlsruhe, Germany; Carolin Baumann, University of Education Karlsruhe, Germany; Samuel Merk, PH Karlsruhe, Germany

Session D: 7

Time: 16:00-17:30

Location: Aula 11

## POSTER PRESENTATION: INNOVATIVE APPROACHES IN EARLY AND PRIMARY EDUCATION

**Chair**

Paula Barea-Arroyo, University of Seville, Spain

**(In)Visible: 5-6-year-old children's exploration of human body in integral educational context**  
Monika Kelpsiene, Vytautas Magnus University, Lithuania**Before or after. On the emergence of social, cognitive and language features associated with CLIL**

Niels Planckaert, Ghent University, Belgium

**Informatics in primary schools — teachers' classroom discourse analysis**

Gabriel Parriaux, Haute école pédagogique du canton de Vaud (HEP Vaud), Switzerland

**A comparison of general self-efficacy and specific self-efficacy among Flemish primary principals**

Lore Bellemans, University Ghent, Belgium; Geert Devos, University of Ghent, Belgium

Keynote II: 1

Time: 09:30-10:30

Location: Salón de Actos

**JURE 2024 KEYNOTE: LEARNING FROM MULTIPLE INFORMATION SOURCES: CHALLENGES AND POTENTIAL ADVANTAGES****Chair**

Madelin Deliu, University of Salamanca, Spain

**Learning from multiple information sources: Challenges and potential advantages**

Helge I. Strømsø, University of Oslo, Norway

Session E: 1

Time: 11:00-12:30

Location: Aula 1

**SINGLE PAPER: INCLUSIVITY IN HIGHER EDUCATION****Chair**

Zhuzhuna Gviniashvili, Åbo Akademi University, Finland

**Implemented UD strategies and their effectiveness today: What works in higher education?**

Liesbet Saenen, Universiteit Hasselt, Belgium; Katrien Hermans, Hasselt University, Belgium; Katrien Struyven, Hasselt University - UHasselt, Belgium; Elke Emmers, Universiteit Hasselt, Belgium

**Students' Sense of Belonging and Authenticity in Dutch Higher Education**

Anne-Roos Verbree, University Medical Center Utrecht, Netherlands; Marieke van der Schaaf, University Medical Center Utrecht / Utrecht University, Netherlands; Leoniek Wijngaards-de Meij, Utrecht University, Netherlands; Gönül Dilaver, University Medical Center Utrecht, Netherlands

**Doing the heavy lifting: The experiences of working-class professional service staff**

Jess Pilgrim, University of Bristol/University of Oxford, United Kingdom

Session E: 2

Time: 11:00-12:30

Location: Aula 4

**SINGLE PAPER: TEACHER CHALLENGES AND SUPPORT****Chair**

Moonika Teppo, University of Tartu, Estonia

**Practising Strengths, Weaknesses, or Both: Where Should Education Head?**

Boseok Kim, University of Cambridge, United Kingdom

**Challenges of Teachers in Vocational Schools: Effects on Well-Being, Job Satisfaction and Burnout**

Nina Marlene Sarochan, University of Mannheim, Germany; Max S. Lohner, University of Mannheim, Germany; Carmela Aprea, University of Mannheim, Germany

**Absent students' teacher social support profiles**

Suvi Kanerva, University of Helsinki, Finland; Risto Hotulainen, University of Helsinki, Finland; Sanna Oinas, University of Helsinki, Finland

Session E: 3

Time: 11:00-12:30

Location: Aula Máster 1

**SINGLE PAPER: TEACHING APPROACHES IN SCIENCE AND STEM****Chair**

Miriam Rivero-Contreras, University of Extremadura, Spain

**Can Students Apply Scientific Method in Science Projects: Document Analysis and Interviews Insights**

Venance Timothy, University of Dar es Salaam, United Republic of Tanzania

**Teacher Professional Development in STEAM Education: design principles, research trends and topics**

Juliana Abra Olivato, ISPA-Instituto Universitário (CIE - Center for Research in Education), Portugal; José Castro Silva, ISPA-Instituto Universitário, Portugal

**Boosting Children's STEM Learning and Preschool Teacher Competencies with a Block Play Curriculum**

Lukas Schmitt, RPTU Kaiserslautern-Landau, Germany; Anke Maria Weber, University of Luxembourg, Luxembourg; Miriam Leuchter, RPTU Landau, Germany



Session E: 4

Time: 11:00-12:30

Location: Aula Máster 2

**SINGLE PAPER: IMMERSIVE TECHNOLOGIES AND AI****Chair**

Peiyu Wang, University of Nottingham, United Kingdom

**Digital Escape Games and Memory: Exploring their Impact on Theta Oscillations in the Hippocampus.**

Thomas Frösig, Université Nice Sophia Antipolis, Germany

**Enhancing Primary Education: The Impact of Virtual Reality on Learning about the Water Cycle**

Josua Dubach, PHBern, University of Teacher Education, Switzerland; Sebastian Tempelmann, Institute for Research, &amp; Development, Germany; Corinna Martarelli, Distance Learning University Switzerland, Switzerland; Trix Cacchione, University of Teachereducation FHNW (PH FHNW), Switzerland

**Exploring Hong Kong first-year University students' use of GenAI tools**

Jin Huang, The Hong Kong Polytechnic University, Hong Kong

Session E: 5

Time: 11:00-12:30

Location: Aula 5

**POSTER PRESENTATION: LEARNING STRATEGIES AND TEACHER SUPPORT IN PRIMARY EDUCATION****Chair**

Stefan Hanus, University of Regensburg, Germany

**Parenthood in crisis - parents' perception of their role at school during the Corona pandemic**

Alicia Göthe, Universität Erfurt, Germany

**What do primary school students do, say and think in the process of understanding a text?**

Valentina Ronqui, Universidad Católica del Uruguay, Uruguay; Daniel Trias, Universidad Católica del Uruguay, Uruguay; Juan Antonio Huertas, Universidad Autonoma de Madrid, Spain

**The effect of visual reasoning on arithmetic word problem solving**

Ana-Maria Purcar, Babes-Bolyai University, Romania; Muşata-Dacia Bocoş, Babes-Bolyai University, Romania; Alexandra-Lucia Pop, College of Tourism Services "Napoca", Romania

**An integrated digital-paper intervention to enhance math skills through Executive Functions.**

Silvia Della Rocca, University of Florence, Italy; Costanza Ruffini, University of Florence, Italy; Camilla Chini, University of Florence, Italy; Giulia Lombardi, University of Florence, Italy; Annarita Monaco, University of Florence, Italy; Sara Campana, University of Florence, Italy; Chiara Pecini, University of Florence, Italy

**Development of self-regulated learning in the transitional period from primary to secondary school**

Jovita Matulaitienė, Vytautas Magnus University, Lithuania; Lina Kaminskienė, Vytautas Magnus University, Lithuania; Erno Lehtinen, University of Turku, Finland

**Student support in primary school – New insights on student-teacher-interaction**

Lukas Nebel, Pädagogische Hochschule Freiburg, Germany

Session E: 6

Time: 11:00-12:30

Location: Aula 11

**POSTER PRESENTATION: BEST OF JURE - POSTER****Chair**

Alba Vallés, University of Lleida, Spain

**Teacher for life? Quantitative research into the retention of first and second career teachers**

Jacob Van Belle, KU LEUVEN, Belgium; Mike Smet, KU Leuven, Belgium

**Conditions of competent bilingualism of primary school children in Germany**

Lisa Tinkl, Humboldt-Universität zu Berlin; Berlin Institute for Empirical Integration and Migration Research (BIM), Germany; Aileen Edele, Humboldt-Universität zu Berlin; Berlin Institute for Empirical Integration and Migration Research (BIM), Germany; Birgit Heppt, Humboldt-Universität zu Berlin, Germany

**AI-prompted peer feedback: Can an AI feedback coach enhance peer feedback quality?**

Rasmus Hansen, Aarhus University, Denmark; Christopher Neil Prilop, Aarhus University, Denmark; Tobias Alsted Nielsen, Aarhus University, Denmark

Session E: 7

Time: 11:00-12:30

Location: Aula 14

**ROUNDTABLE: TEACHING STRATEGIES AND CLASSROOM INTERACTION****Chair**

Liyuan E, University of Helsinki, Finland

**Developing a category system to identify adaptive teaching in elementary mathematics classrooms**

Anne-Kathrin Buttchereyt, Bergische Universität Wuppertal, Germany

**Promoting self-regulated learning through peer observation and feedback in secondary school students**

Anabela Caetano Santos, Aventura Social Associação; Universidade Aberta; ISCTE - Instituto Universitário de Lisboa, Portugal; Ana Mouraz, Laboratório de Educação à Distância e eLearning, Universidade Aberta, Portugal; Ana Cristina Torres, Centro de Investigação e Intervenção Educativas (CIIE), Faculdade de Psicologia e de Ciências da Educação, Portugal; Helena Silva, Departamento de Educação e Psicologia, Universidade de Trás-os-Montes e Alto Douro; Centro de Investigação e Intervenção Educativas da Universidade do Porto, Portugal; Artur Oliveira, Centro de Investigação e Intervenção Educativas (CIIE), Faculdade de Psicologia e de Ciências da Educação, Universidade do Porto, Portugal; Andréa Silva, Departamento de Educação e Psicologia, Universidade de Trás-os-Montes e Alto Douro, Portugal

**Exploring Self-Efficacy: Qualitative Insights on Feedback and Attributions.**

Charlotte Van Tricht, University of Antwerp, Belgium; David Gijbels, University of Antwerp, Belgium; Vincent Donche, University of Antwerp, Belgium

Workshops III: 1

Time: 14:00-15:30

Location: Aula 13

**JURE 2024 WORKSHOP: UTILIZING ARTIFICIAL INTELLIGENCE FOR THE SYNTHESIS OF EDUCATIONAL VIDEOS: A WORKSHOP****Utilizing Artificial Intelligence for the Synthesis of Educational Videos: A Workshop**

Kevin Ackermans, Open Universiteit, Department of Online Learning and Instruction, Netherlands

Workshops III: 2

Time: 14:00-15:30

Location: Aula 14

**JURE 2024 WORKSHOP: EFFECTIVE MEETING SKILLS****Effective Meeting Skills**

María García Serrano, University of Salamanca, Spain; Javier Rosales, University of Salamanca, Spain; Madalin Deliu, University of Salamanca, Spain

Workshops III: 3

Time: 14:00-15:30

Location: Aula Máster 1

**JURE 2024 WORKSHOP: CONFIRMATORY FACTOR ANALYSIS: APPLICATIONS IN EDUCATIONAL RESEARCH****Confirmatory Factor Analysis: Applications in Educational Research**

Ioulia Televantou, European University Cyprus, Cyprus

Workshops III: 4

Time: 14:00-15:30

Location: Aula Máster 2

**JURE 2024 WORKSHOP: PRACTICAL AND POLICY IMPLICATIONS OF RESEARCH****Practical and Policy Implications of Research**

Michael S. C. Thomas, Birkbeck, University of London, United Kingdom; Jo Van Herwegen, UCL Institute of Education, United Kingdom

Session F: 1

Time: 16:00-17:30

Location: Aula 12

**SINGLE PAPER: STUDENT WELLBEING AND DROPOUT INTENTIONS****Chair**

Yukari Abe, Kyoto University, Japan

**Intra-individual reciprocal relations between facets of study satisfaction and dropout intentions**

Anne Scheunemann, Ruhr-University Bochum, Germany; Theresa Wenker, University of Mannheim, Germany; Lisa Bäumke, Hector Research Institute of Education Sciences and Psychology, Germany; Daniel Oliver Thies, Ruhr-University Bochum, Germany; Markus Dresel, University of Augsburg, Germany; Stefan Fries, University of Bielefeld, Germany; Detlev Leutner, University of Duisburg-Essen, Germany; Joachim Wirth, Ruhr-University Bochum, Germany; Carola Grunschel, University of Muenster, Germany

**Effects of a Positive Psychology Intervention on Student Well-being. A Person-centered Approach**

Jakob Schnell, University of Bern, Institute of Educational Science, Switzerland; Katja Saxer, University of Bern, Institute of Educational Science, Switzerland; Julia Mori, University of Bern, Switzerland; Tina Hascher, University of Bern, Institute of Educational Science, Switzerland

**Positivity's Power? Results of a student well-being intervention in secondary school in Switzerland.**

Katja Saxer, University of Bern, Institute of Educational Science, Switzerland; Jakob Schnell, University of Bern, Institute of Educational Science, Switzerland; Julia Mori, University of Bern, Switzerland; Tina Hascher, University of Bern, Institute of Educational Science, Switzerland

**Profiles and predictors of achievement, study satisfaction, and dropout intention within students**

Lena Sofie Kegel, University of Münster, Germany; Carola Grunschel, University of Muenster, Germany

Session F: 2

Time: 16:00-17:30

Location: Aula 13

**SINGLE PAPER: COMPETENCIES IN HIGHER EDUCATION****Chair**

Anne-Roos Verbree, University Medical Center Utrecht, Netherlands

**Lifelong Learning Competencies for Engineering Students**

Shan Tuytaerts, KU LEUVEN, Belgium; Tinne De Laet, KU Leuven, Belgium; Lynn Van den Broeck, KU Leuven (BE), Belgium; Greet Langie, KU LEUVEN, Belgium

**The effectiveness of a teamwork reflection intervention on teamwork quality and competence in MSTs**

Roosmarijn van Woerden, Utrecht University, Netherlands; Merel van Goch, Radboud University, Netherlands; Iris van der Tuin, University Utrecht, Netherlands; Sandra Schrujer, Utrecht University, Netherlands

**Towards university teaching innovation: Digital Scholarship and assessment and feedback practices.**

Federica Picasso, University of Trento (I), Italy

Session F: 3

Time: 16:00-17:30

Location: Aula 14

**SINGLE PAPER: MATHEMATICS AND NUMERACY****Chair**

Valentina Ronqui, Universidad Católica del Uruguay, Uruguay

**Association between children's gendered activities, family organization and sex differences in maths**

Lilas Gurgand, Ecole Normale Supérieure, France; Alexandre Renac, Ecole Normale Supérieure, Université de Lyon 2, France; Hugo Peyre, Ecole Normale Supérieure, Montpellier University Hospita, France; Franck Ramus, Ecole Normale Supérieure, France

**Math Gender Gaps: What about future teachers' knowledge, confidence, anxiety and self-concept?**

Ana María Espinoza Catalán, Universidad de O'Higgins, Chile; Macarena Angulo, Universidad Diego Portales, Chile; David Maximiliano Gomez Rojas, Universidad de O'Higgins, Chile

**Solving realistic word problems in a meaningful way: The role of problem-embedding and prompts**

Andrea Wisenöcker, Johannes Kepler University Linz, Austria; Cornelia S. Große, Johannes Kepler University Linz, Austria, Austria

Session F: 4

Time: 16:00-17:30

Location: Aula Máster 2

**SINGLE PAPER: MATHEMATICS AND NUMERACY IN SECONDARY EDUCATION****Chair**

Vanessa Fernández-Torres, Facultad de Psicología.  
Universidad de Sevilla., Spain

**Unraveling the Interplay of Conceptual and Procedural Knowledge in Fractions among Middle Schoolers**

Bengi Birgili-Karabulut, MEF University, Türkiye; Fırat Arda, MEF University, Türkiye; İpek Saralar-Aras, Ministry of National Education, Türkiye

**Mathematical proficiency and the advantage of organizing verbal information on a Working Memory Line**

Julie Vonck, Ghent University, Belgium; Jolien Moorkens, UGENT, Belgium; Wim Fias, Ghent University, Belgium; Jean-Philippe van Dijk, Ghent University and Thomas More University of Applied Sciences, Belgium

**Structural Equation Modelling: Associating Cognitive Factors to Mathematical Problem-Solving Skills**

Ijtihadi Kamilia Amalina, University of Szeged, Doctoral School of Education, Indonesia; Tibor Vidákovich, University of Szeged, Hungary

Session F: 5

Time: 16:00-17:30

Location: Aula 5

**POSTER PRESENTATION: TECHNOLOGY-ENHANCED LEARNING AND INSTRUCTION****Chair**

HIJJATUL Qamariah, University of Szeged, Hungary

**Socio-cognitive and emotional-motivational factors in studying with digital materials**

Annalisa Ventrella, University of Bari, Italy; Maria Beatrice Ligorio, Bari University, Italy

**Exploring Technology Integration in Upper Secondary School: A Latent Profile Analysis**

Chiara Antonietti, Swiss Federal University for Vocational Education and Training (SFUVET), Switzerland; Tessa Consoli, University of Zurich, Institute of Education, Switzerland; Maria-Luisa Schmitz, University of Zurich, Institute of Education, Switzerland; Alberto A.P. Cattaneo, Swiss Federal University for Vocational Education and Training, Switzerland; Philipp Gonon, University of Zurich - Institute of Educational Research, Switzerland; Dominik Petko, University of Zurich, Switzerland

**The role of technology in fostering self-regulated learning: A systematic literature review**

Anikó Bátori, Maastricht University, Netherlands; Simon Beusaert, Maastricht University, Netherlands; Bas Giesbers, Maastricht University, Netherlands; Alexandra Mihai, Maastricht University, Netherlands

**Enhancing learning environments with digital tools to promote self-regulated learning**

Barbara Hrabetz, Universität Regensburg, Germany

**Fostering Online Interaction**

Nanda van der Stap, Open University of the Netherlands, Netherlands; Theo van den Bogaart, HU University of Applied Sciences, Netherlands

**Empowering Vocational Students: A Research-Based Framework for Computational Thinking Integration**

Seppe Hermans, University of Antwerp, Belgium; Tom Neutens, Ghent University, Belgium; Francis wyffels, Ghent University, Belgium; Peter Van Petegem, University of Antwerp, Belgium

Session F: 6

Time: 16:00-17:30

Location: Aula 11

## POSTER PRESENTATION: EXPLORING LITERACY AND LANGUAGE ACQUISITION

**Chair**

Shweta Hegde, Martin-Luther-Universität Halle-Wittenberg, Germany, Germany

**Migration Background and Emergent Literacy Skills as Predictors of Reading and Spelling in Grade 2**

María Valcárcel Jiménez, Ludwig-Maximilians-Universität (LMU), Germany; Melike Yumus, Carl von Ossietzky University Oldenburg, Germany; Tina Schiele, Ludwig-Maximilians-Universität (LMU), Germany; Anna Mues, Ludwig-Maximilians-Universität (LMU), Germany; Frank Niklas, Ludwig-Maximilians-Universität (LMU), Germany

**Lexical competence influence on Reading and Spelling: Effects of enhancement on First-Grade children**

Alice Mercugliano, University of Florence, Italy; Lucia Bigozzi, Università di Firenze, Italy; Oriana Incognito, Università di Firenze, Italy

**Oral Language and Writing in Early Childhood and Primary Education: Empirical Studies Review**

Rubén Díaz-Tejedor, University of León, Spain, Spain; Olga Arias-Gundín, University of León, Spain

**Comparative analysis of instruction in transcription and planning, based in ICTs**

María del Carmen Álvarez Moreno, Universidad de León, Spain, Spain; Raquel Fidalgo, University of León, Spain, Spain; Mark Torrance, Nottingham Trent University, United Kingdom

**Critical literacy during the first year of primary school**

Desirée Fristedt, Department of Swedish, Sweden

**Students' Performance Goals as Predictors of Achievement in Language: A cusp Catastrophe model**

Georgia Stavropoulou, Aristotle University of Thessaloniki, Greece; Dimitrios Stamovlasis, Aristotle University of Thessaloniki, Greece

Session F: 7

Time: 16:00-17:30

Location: Aula 4

## POSTER PRESENTATION: UNDERSTANDING AND SUPPORTING LEARNERS WITH SPECIAL EDUCATIONAL NEEDS

**Chair**

Ana-Maria Purcar, Babes-Bolyai University, Romania

**All eyes on me! Stories comprehension and audiovisual integration in population with ASD**

Nadina Gómez-Merino, University of Valencia / Interdisciplinary Research Structure for Reading Research (ERI Lectura), Spain; Inmaculada Fajardo, University of Valencia, Spain; Alejandro Téllez, University and Polytechnic Hospital La Fe, Valencia, Spain; Marta Lizarán-Villalba, Health Research Institute La Fe, Valencia, Spain; Ana García-Blanco, Health Research Institute La Fe, University and Polytechnic Hospital La Fe, Valencia, Spain

**Learning and Generalisation of Pictograms in Minimally Verbal Autism: A Study with Eye Movements**

Gema Erena-Guardia, University of Seville, Spain; David Saldaña, Universidad de Sevilla, Spain

**Reading Comprehension and Executive Function in Autism Spectrum Disorder and Attention Disorders**

Paula Barea-Arroyo, University of Seville, Spain; Pablo Delgado, University of Sevilla, Spain; Gema Erena-Guardia, University of Seville, Spain; Vanessa Fernández-Torres, Facultad de Psicología. Universidad de Sevilla., Spain; Joaquín Ibañez-Alfonso, Layola Andalucía, Spain; Francisco Javier Moreno-Perez, University of Seville, Spain; Martina Micai, Istituto Superiore di Sanità, Italy; Juan José Navarro-Hidalgo, University of Seville, Spain; Miriam Rivero-Contreras, University of Seville, Spain; Adrián Solís-Campos, Universidad de Sevilla, Spain

**Teaching Novel Vocabulary with Enriched Multimedia to Young Deaf/Hard-of-Hearing Persons**

Hülya Aldemir, Universidad de Sevilla, Spain; David Saldaña, Universidad de Sevilla, Spain; Isabel R. Rodríguez-Ortiz, Universidad de Sevilla, Spain

**Interventions for Adults with Low Literacy Skills – Results from a Systematic Literature Review**

Moritz Butscheidt, German Institute for Adult Education - Leibniz Centre for Lifelong Learning, Germany

**The consideration of adaptive behavior in the assessment for special educational needs in Germany**

Melina Agha, Europa-Universität Flensburg, Germany; Steffen Siegemund-Johannsen, Institute of Special Education - Europa-Universität Flensburg, Germany

**G.I.F.T.E.D.: Games and Inclusion For Teacher Education**

Maria Margarida Frade dos Santos, Faculdade de Motricidade Humana - Universidade de Lisboa; ISAMB, FM/UL; CeIED - Centro de Estudos Interdisciplinares de Educação e Desenvolvimento, Universidade Lusófona; Aventura Social Associação, Portugal; Anabela Caetano Santos, Aventura Social Associação; Universidade Aberta; ISCTE - Instituto Universitário de Lisboa, Portugal; Roberta Renati, Noah Innovation for Health, Italy; Celeste Simões, Faculdade de Motricidade Humana - Universidade de Lisboa; ISAMB-FM/UL, Portugal; Paula Lebre, Faculdade de Motricidade Humana - Universidade de Lisboa (FMH-UL); INET-MD, FMH-UL, Portugal

SIG Invited Symposia: 1

Time: 09:00-10:30

Location: Aula 1

**JURE 2024 SIG INVITED SYMPOSIUM: THE INTERPLAY OF PEER RELATIONSHIPS AND STUDENT MOTIVATION****Chair**

Elisabeth Höhne, Leibniz Universität Hannover, Germany

**Organisers**Elisabeth Höhne, Leibniz Universität Hannover, Germany;  
Alla Hemi, Bar Ilan University, Israel; Martin Daumiller,  
University of Augsburg, Germany**Discussant**

Andreas Gegenfurtner, University of Augsburg, Germany

**The Essential Role of Peer Relationships in Students' Motivation During Adolescence**

Fabian Schimmelpfennig, University Greifswald, Germany; Diana Raufelder, University Greifswald, Germany

**Peer Relationships and Students' Achievement Goals - How are They Interconnected?**

Alla Hemi, Bar Ilan University, Israel; Nir Madjar, Bar-Ilan University, Israel; Yisrael Rich, Bar Ilan University, Israel; Martin Daumiller, University of Augsburg, Germany

**Academic Help-Seeking as Mediator Between Student Motivation and Dropout Intentions**

Elisabeth Höhne, Leibniz Universität Hannover, Germany; Lysann Zander, Leibniz Universität Hannover, Germany

**Associations of In-person and Online Social Achievement Goals Profiles and Psychological Illbeing**

Boreum Kim, Ball State University, United States; Sungok Serena Shim, Ball State University, United States

SIG Invited Symposia: 2

Time: 09:00-10:30

Location: Aula 5

**JURE 2024 SIG INVITED SYMPOSIUM: CIVIC AND CITIZENSHIP EDUCATION FOR DEVELOPING CIVIC COMPETENCES AMONG YOUTH: THEORY AND PRACTICE****Chairs**Emilie Vandeveld, KU Leuven - University of Leuven,  
Belgium; Linde Stals, KU LEUVEN, Belgium**Discussant**

Nina Welsandt, University of Duisburg-Essen, Germany

**Does political value (in)congruence in class facilitate open classroom climate?**Venla Hannuksela, Tampere University, Finland; Josefina Sipinen, Tampere University, Finland; Miikka Korventausta,  
University of Turku, Department of Teacher Education, Finland**The Conceptualization of Rational Political Trust among Flemish Young and Late Adolescents**Linde Stals, KU LEUVEN, Belgium; Maria Magdalena Isac, University of Bath, United Kingdom; Ellen Claes, KU Leuven,  
Belgium**Political self-efficacy development through political socialization**

Venla Hannuksela, Tampere University, Finland

**The Development of Pre-Service Teachers' Civic Education Cognition During Teacher Training**

Emilie Vandeveld, KU Leuven - University of Leuven, Belgium

SIG Invited Symposia: 3

Time: 09:00-10:30

Location: Aula 11

**JURE 2024 SIG INVITED SYMPOSIUM: EYE TRACKING IN EDUCATIONAL RESEARCH: HOW CAN WE UNDERSTAND THE UNDERLYING COGNITIVE PROCESSES?****Chair**

Kateryna Horlenko, Vytautas Magnus University, Lithuania

**Organiser**

Sylvia Gabel, University of Augsburg, Germany

**Discussant**

Sylvia Gabel, University of Augsburg, Germany

**Eye-Tracking Study on Signal Accessibility & Prior Knowledge Effects in Learning from Animation**

KILLYAM FORGE, University of Toulouse, CLLE, France; Julie Lemarié, University of Toulouse, CLLE, France; Pierre-Vincent Paubel, University of Toulouse, CLLE, France; Jean-Michel Boucheix, University of Bourgogne, Dijon, LEAD-CNRS, France

**Professional Vision in Belgian Teacher Trainers & Pre-Service Teachers**

Valérie DUVIVIER, Université de Mons, Belgium; Antoine Derobertmasure, Université de Mons, Belgium; Marc Demeuse, Université de Mons, Belgium

**Teachers' professional vision investigated through mobile eye tracking, CRR and survey data**

Maikki Pouta, University of Turku, Finland; Erno Lehtinen, University of Turku, Finland; Tuire Palonen, University of Turku, Finland

**Pre-service teachers' attitudes towards heterogeneity: Connections with their gaze behavior**

Sylvia Gabel, University of Augsburg, Germany; Alijagic Aldin, University of Augsburg, Germany; Özün Keskin, University of Augsburg, Germany; Andreas Gegenfurtner, University of Augsburg, Germany



SIG Invited Symposia: 4

Time: 09:00-10:30

Location: Aula 12

**JURE 2024 SIG INVITED SYMPOSIUM: CREATING SPACE FOR WORLDVIEW DIALOGUE IN RELIGIOUS AND WORLDVIEW EDUCATION****Chair**

Niina Putkonen, University of Helsinki, Finland

**Organiser**

Niina Putkonen, University of Helsinki, Finland

**Discussant**

Petra Juen, University of Innsbruck - Religious Education, Austria

**Interreligious Cooperation in Austrian School Context. A dynamic network of interwoven perspectives**

Petra Juen, University of Innsbruck - Religious Education, Austria

**Depiction of Judaism and Islam in religious school textbooks and the perception of young people**

Julia Hofmann, Universität Tübingen, Germany

**Worldview dialogue within "own religion". Perspectives on dialogue in Islamic religious education**

Niina Putkonen, University of Helsinki, Finland

SIG Invited Symposia: 5

Time: 09:00-10:30

Location: Aula 13

**JURE 2024 SIG INVITED SYMPOSIUM: CHALLENGES IN DOING RESEARCH WITH YOUNG CHILDREN****Chair**

Valentina Pagani, Università di Milano Bicocca, Italy

**Discussant**

Valentina Pagani, Università di Milano Bicocca, Italy

**The reliability of parents' statements on their child's well-being using the example of AID:A**

Inga Simm, German Youth Institute, Germany; Anja Linberg, German Youth Institute, Germany; Thorsten Naab, German Youth Institute, Germany; Susanne Kuger, German Youth Institute (DJJ), Germany

**Language education in Society 5.0**

MACHIKO KOBORI, Hosei University, Japan; Junko Matsuzaki Carreira, Tokyo Keizai University, Japan; Shigyo Tomoko, Shiraume Gakuen University, Japan; Wan-lih Chang, Ann Shih-Chien University, Taiwan; Lung-Hsun Hsu, Shih-Chien University, Taiwan; Hui-Yu Huang, Gu-shan Elementary School, Taiwan; Ping-Ju Liu, Shi-chou Elementary School, Taiwan

**Data quality in a quantitative survey with 4-7-year-old children: German Good Child Care Act**

Inga Simm, German Youth Institute, Germany; Magdalena Molina Ramirez, German Youth Institute, Germany; Susanne Kuger, German Youth Institute (DJJ), Germany

**The ISOTIS study on ECEC children's perspectives regarding inclusion**

Valentina Pagani, Università di Milano Bicocca, Italy

SIG Invited Symposia: 6

Time: 09:00-10:30

Location: Aula 14

**JURE 2024 SIG INVITED SYMPOSIUM: NAVIGATING UNCERTAINTY? - IMPLEMENTING INSTRUCTIONAL PRINCIPLES IN ILL-STRUCTURED DOMAINS****Chair**

Jasmin Lilian Bauersfeld, TU Dortmund University, Germany

**Organiser**

Jasmin Lilian Bauersfeld, TU Dortmund University, Germany

**Discussant**

Ouhao Chen, University of Leeds, United Kingdom

**Fostering preschoolers' competence to solve ill-structured problems through assessment for learning**

Joris Van Elsen, University of Antwerp, Belgium; Joke Torbeyns, KU Leuven, Belgium; Sven De Maeyer, Antwerp University, Belgium

**Effects of Problem-Solving Prior to Instruction on Professional Vision of Collaborative Learning**

Özün Keskin, University of Augsburg, Germany; Christina Wekerle, University of Augsburg, Germany; Lara Tar, University of Augsburg, Germany; Ingo Kollar, University of Augsburg, Germany

**How to Sequence Concepts and Video-Based Analysis to Develop Future Teachers' Professional Vision?**

Jasmin Lilian Bauersfeld, TU Dortmund University, Germany; Patricia Calies, University of Erfurt, Germany; Heike Hahn, University of Erfurt, Germany; Bernadette Gold, TU Dortmund University, Germany

**Persuasive Refutation Texts as Instructional Principle – Fostering Conceptual and Attitudinal Change**

Isabell Tucholka, TU Dortmund University, Germany; Madeleine Müller, University Erfurt, Germany

Session G: 1

Time: 11:00-12:30

Location: Aula 1

**SINGLE PAPER: PRE-SERVICE TEACHER EDUCATION****Chair**

Andrea Wisenöcker, Johannes Kepler University Linz, Austria

**Two Learning paradigms with online videos: Impact on preservice preschool teachers' self-efficacy**

Rongrong XU, The Education University of Hong Kong, Hong Kong; Alfredo BAUTISTA, The Education University of Hong Kong, Hong Kong; Weipeng YANG, The Education University of Hong Kong, Hong Kong

**Teacher Educators' Mentoring Expertise in Supervising Teaching Practicum**

Xuewei Wang, Faculty of Educational Science, University of Helsinki, Finland; Jukka Husu, University of Turku, Finland; Auli Toom, University of Helsinki, Finland; Mikko Tiilikainen, University of Turku, Finland

**Fostering Resilience: Intervention with Learning Platform for Preservice Teachers**

Isabelle Krummenacher, Abteilung für Schul- und Unterrichtsforschung, Institut für Erziehungswissenschaft, Bern, Switzerland; Julia Mori, University of Bern, Switzerland; Tina Hascher, University of Bern, Institute of Educational Science, Switzerland; Irene Guidon, PHBern, Switzerland

Session G: 2

Time: 11:00-12:30

Location: Aula 4

**SINGLE PAPER: PRE-SERVICE TEACHERS' ATTITUDES AND BELIEFS****Chair**

Yingying HE, University of Helsinki, Finland

**Enhancing Pre-Service Teachers' Growth Mindset is Beneficial for Their Low-Achieving Students, too**

Katharina Asbury, Leibniz Institute for Science and Mathematics Education (IPN), Germany; Bastian Carstensen, Leibniz Institute for Science and Mathematics Education (IPN), Germany

**A contact intervention in university teacher training: Impacts on beliefs and inclusive instruction?**

Mia Hoffmann, Christian Albrechts Universität zu Kiel, Germany; Friederike Zimmermann, Kiel University, Germany; Sonja Krämer, Christian-Albrechts-University of Kiel, Germany

**Do Student Teachers Experience Self-Worth Threats in Computational Thinking?**

Vroni Barkela, University of Kaiserslautern-Landau (RPTU), Germany; Areum Han, University of Luxembourg, Luxembourg; Anke Maria Weber, University of Luxembourg, Luxembourg

Session G: 3

Time: 11:00-12:30

Location: Aula 5

**SINGLE PAPER: INCLUSIVE EDUCATION****Chair**

Sebastian Windisch, University of Santiago de Compostela + Universität Wien, Spain

**Understanding the Child with Autism Spectrum Disorder as a Learner in the Inclusive Classroom**

Julija Grigenaitė, Vytautas Magnus University, Lithuania; Stefanija Ališauskienė, Vytautas Magnus University, Lithuania

**Implicit Motives in Informal STEM Education: Shaping Equitable Learning Spaces**

Jasmin Colakoglu, IPN Kiel, Germany; Anneke Steegh, Leibniz University Hannover, Germany; Ilka Parchmann, IPN Kiel, Germany

**"Only Amharic or leave quick!": Language education policy in the Western Tigray region of Ethiopia**

Merih Welay, University of Szeged, Hungary; Berhane Gerencheal, Aksum University, Ethiopia

Session G: 4

Time: 11:00-12:30

Location: Aula 11

**SINGLE PAPER: SELF-EFFICACY AND MOTIVATION IN MATHEMATICS****Chair**

Roosmarijn van Woerden, Utrecht University, Netherlands

**Promoting Students' Self-Efficacy through Different Digital Feedback Strategies in Mathematics**

Farhad Razeghpour, Ruhr-University Bochum, Germany

**The role of mathematical beliefs, utility value, self-efficacy in mathematics engagement**

Achmad Hidayatullah, University of Szeged, Doctoral School of Education, Hungary; Csaba Csikos, Institute of education, university of szeged, Hungary

**A critical ingredient of mathematics learning – Why does motivation matter from early grades?**

Maarja Sõrmus, University of Tartu, Estonia; Jelena Radisic, University of Oslo, Norway; Äli Leijen, University of Tartu, Estonia; Krista Uibu, University of Tartu, Estonia

Session G: 5

Time: 11:00-12:30

Location: Aula 13

**SINGLE PAPER: EDUCATIONAL TECHNOLOGIES FOR TEACHING****Chair**

Mariam Aljabaly, University of Helsinki, Finland

**Role of Teacher Ownership in Technology Integration in K-12 Education System.**

Bikash Chetry, Martin Luther University Halle-Wittenberg, Germany

**Tinkering as a Complement to Design in the Context of Technology Integration into Teaching**

Pirjo Möttö, University of Tartu, Estonia; emanuele bardone, Institute of Education, University of Tartu, Estonia, Estonia; Maka Eradze, University of Foggia, Italy

**Robot-Assisted Intervention for Word Learning in Children with Autism Spectrum Disorder**

Ana Lucia Urrea Echeverría, Facultad de psicología, Universidad de Sevilla, Spain; Isabel R. Rodríguez-Ortiz, Universidad de Sevilla, Spain; David Saldaña, Universidad de Sevilla, Spain

Session G: 6

Time: 11:00-12:30

Location: Aula 14

**SINGLE PAPER: ADDRESSING EMOTIONAL CHALLENGES, ANXIETY AND STRESS****Chair**

Shauny Seynhaeve, Ghent University, Belgium

**Diverse Performance: Test Anxiety, Results and Perceived Difficulty**

Kristóf Lakatos, University of Szeged, Hungary

**Online Implementation Make a Difference in the Effects of a Mental Health Curriculum at Schools?**

Maria Margarida Frade dos Santos, Faculdade de Motricidade Humana - Universidade de Lisboa; ISAMB, FM/UL; CeiED - Centro de Estudos Interdisciplinares de Educação e Desenvolvimento, Universidade Lusófona; Aventura Social Associação, Portugal; Celeste Simões, Faculdade de Motricidade Humana, Portugal; Anabela Caetano Santos, Aventura Social Associação; Universidade Aberta; ISCTE - Instituto Universitário de Lisboa, Portugal; Paula Lebre, Faculdade de Motricidade Humana, Portugal; Ilaria Grazzani, University of Milano-Bicocca, Italy

**Students' patterns of math anxiety, enjoyment, boredom and performance**

Alina Pavlova, University of Oulu, Finland; Johan Korhonen, Åbo Akademi University, Finland; Hanna Jarvenoja, University of Oulu, Finland; Riikka Mononen, University of Oulu, Finland

Session G: 7

Time: 11:00-12:30

Location: Aula Máster 1

**SINGLE PAPER: MOTIVATION AND METACOGNITION****Chair**

Felipe Sanchez, Lancaster University, Chile

**Growth Mindset about Learning, and Ninth-Grade Students' Academic Performance**

Jenni Laurell, University of Helsinki, Finland; Kirsi ja Tirri, University of Helsinki, Finland; Kai Hakkarainen, University of Helsinki, Finland

**Testing the Effectiveness of an Individualized Assignment of Motivational Interventions**

Liene Brandhuber, Karlsruhe University of Education, Germany; Lisa Baulke, Hector Research Institute of Education Sciences and Psychology, Germany; Daniel Wieczorek, Eberhard Karls Universität Tübingen, Germany; Thorben Jansen, IPN – Leibniz Institute for Science and Mathematics Education, Germany; Benjamin Nagengast, Eberhard Karls Universität Tübingen, Germany; Cora Parrisius, Karlsruhe University of Education, Germany

**A conceptual analysis of goal setting and goal orientation: systematic literature review**

Kõue Heintalu, University of Tartu, Estonia; Katrin Saks, University of Tartu, Estonia

Workshops IV: 1

Time: 14:00-15:30

Location: Aula 13

**JURE 2024 WORKSHOP: COMBATING SOCIAL INJUSTICE WITH PSYCHOLOGICAL INTERVENTIONS****Combating Social Injustice with Psychological Interventions**

Paul O'Keefe, University of Exeter Business School, United Kingdom

Workshops IV: 2

Time: 14:00-15:30

Location: Aula 14

**JURE 2024 WORKSHOP: THE ETHICS OF ARTIFICIAL INTELLIGENCE IN EDUCATION****The ethics of Artificial Intelligence in Education**

Káska Porayska-Pomsta, University College London, United Kingdom

Workshops IV: 3

Time: 14:00-15:30

Location: Aula Máster 1

**JURE 2024 WORKSHOP: STRUCTURAL EQUATION MODELLING: APPLICATIONS IN EDUCATIONAL RESEARCH**

**Structural Equation Modelling: Applications in Educational Research**  
Ioulia Televantou, European University Cyprus, Cyprus

Workshops IV: 4

Time: 14:00-15:30

Location: Aula Máster 2

**JURE 2024 WORKSHOP: USING INTERNATIONAL LARGE SCALE ASSESSMENT DATA FOR RESEARCH**

**Using International Large Scale Assessment Data for Research**  
Johannes Naumann, University of Wuppertal, Institute for Educational Research, Germany

Session H: 1

Time: 16:00-17:30

Location: Aula 1

**SINGLE PAPER: TRANSITIONS TO THE WORKPLACE AND PROFESSIONAL GROWTH****Chair**

Suzanne May Shwen Lee, The University of Hong Kong, Hong Kong

**PhDs building careers beyond academia in Finland: the role of work-environment fit in career changes**

Laura Sundström, University of Helsinki, Finland; Lotta Tikkanen, University of Helsinki, Finland; Kirsi Pyhältö, University of Helsinki, Finland; Henrika Anttila, University of Helsinki, Finland

**Commitment issues? Former novice teachers as emerging adults exploring the job market**

Teresa Vicianová, Masaryk University, Czech Republic

**Understanding the labour market: insights from first- and continuing-generation graduates**

Ayla De Schepper, University of Antwerp, Belgium; Eva Kyndt, Swinburne University of Technology, Australia; Noel Clycq, University of Antwerp, Belgium

**Researchers' Metamorphic Journey: the Role of Scientific Creativity in Professional Identity Growth**

Marius Daugela, Vytautas Magnus University, Lithuania

Session H: 2

Time: 16:00-17:30

Location: Aula 12

**SINGLE PAPER: MOTIVATION AND ENGAGEMENT****Chair**

Marina Grgic, Pädagogische Hochschule Bern, Switzerland

**A short review on the relationship between motivation and engagement in language learning**

May Aung, University of Szeged, Doctoral School of Education, Myanmar

**Social and emotional competencies and student engagement in youth: A systematic review**

Anabela Caetano Santos, Aventura Social Associação; Universidade Aberta; ISCTE - Instituto Universitário de Lisboa, Portugal; Celeste Simões, Departamento de Educação, Ciências Sociais e Humanidades, Faculdade de Motricidade Humana, Universidade de Lisboa; Aventura Social and Instituto de Saúde Ambiental (ISAMB), Faculdade de Medicina, Universidade de Lisboa, Portugal; Maria Margarida Frade dos Santos, Faculdade de Motricidade Humana - Universidade de Lisboa; ISAMB, FM/UL; CeIED - Centro de Estudos Interdisciplinares de Educação e Desenvolvimento, Universidade Lusófona; Aventura Social Associação, Portugal; Márcia Melo, Laboratório de Pesquisa e Prevenção em Educação e Saúde (LaPPES), Instituto de Psicologia, Universidade de São Paulo, Brazil; Iara Freitas, Laboratório de Pesquisa e Prevenção em Educação e Saúde (LaPPES), Instituto de Psicologia, Universidade de São Paulo, Brazil; Patrícia Arriaga, ISCTE - Instituto Universitário de Lisboa (IUL), CIS-IUL, Portugal

**Validating Quantitative Engagement Metrics in Speech-to-Text Data on Team Interaction**

David Otten, University of Twente, Netherlands; Pantelis Papadopoulos, University of Twente, Netherlands; Maryam Amir Heari, University of Twente, Netherlands; Rike Bron, Rijksdienst voor Ondernemend Nederland (RVO), Netherlands; Maaike Endedijk, University of Twente, Netherlands

Session H: 3

Time: 16:00-17:30

Location: Aula 14

**SINGLE PAPER: TEACHER EDUCATION AND PROFESSIONAL DEVELOPMENT****Chair**

Tania Vieites, Universidad Complutense de Madrid, Spain

**Interplay of team teaching practices and perceptions on student teachers' professional identity**

Loan De Backer, University of Antwerp, Belgium; Wouter Schelfhout, University of Antwerp, Belgium; Mathea Simons, University of Antwerp, Belgium; Ellen Vandervieren, University of Antwerp, Belgium; Jose Rivera Espejo, University of Antwerp, Belgium

**Examining Finnish Teachers' Professional Agency in the Professional Community in Curriculum Reform**

Marti Laivuori, University of Helsinki, Finland; Auli Toom, University of Helsinki, Finland; Lotta Tikkanen, University of Helsinki, Finland; Kirsi Pyhältö, University of Helsinki, Finland

**A Professional Development Program for Enhancing Teaching in Self-Regulated Learning.**

Valentina Ronqui, Universidad Católica del Uruguay, Uruguay; Daniel Trias, Universidad Católica del Uruguay, Uruguay; Juan Antonio Huertas, Universidad Autonoma de Madrid, Spain

Session H: 4

Time: 16:00-17:30

Location: Aula Máster 1

**SINGLE PAPER: IN-SERVICE TEACHING APPROACHES****Chair**

Georgios Mitsostergios, Technical University Munich, Germany

**Nurturing the maker mindset within small teams of students in formal education**

Mariam Aljabaly, University of Helsinki, Finland; Pirita Seitamaa-Hakkarainen, University of Helsinki, Finland; Tiina Korhonen, University of Helsinki, Finland; Kaiju Kangas, University of Helsinki, Finland

**Challenges teachers face when introducing the learning-centred Altered Flipped Classroom Pedagogy**

Lizéle Pretorius, Cape Peninsula University of Technology, South Africa

**The student-teacher relationship: effects of different teachers over time and academic self-concept**

Mirna Sumatic, University of Oxford, United Kingdom

Session H: 5

Time: 16:00-17:30

Location: Aula 5

**POSTER PRESENTATION: PEDAGOGICAL INNOVATIONS IN HIGHER EDUCATION****Chair**

Jenni Laurell, University of Helsinki, Finland

**Underlying pedagogical principles for generic skill development: A systematic literature review**

Ainsley Loudoun, Maastricht University, Netherlands; Laurie Delnoij, Maastricht University SBE, Ts 53, Netherlands; Inken Gast, Maastricht University, Netherlands; Nicole Kornet, Maastricht University, Netherlands; Sjoerd Claessens, Maastricht University, Netherlands; Simon Beausaert, Maastricht University, Netherlands

**Students' learning gains from participating in challenge-based learning**

Cassandra Tho, Wageningen University &amp; Research, Netherlands; Yvette Baggen, Wageningen University &amp; Research, Netherlands; Despoina Georgiou, Utrecht University, Netherlands; Heleen Pennings, University Medical Center Utrecht, Netherlands; Antoine van den Beemt, Eindhoven University of Technology, Netherlands

**Tracing the Evolution of Widening Participation Discourses: Insights from the Access Corpus**

Benjamin Hart, University of Oxford, United Kingdom

**Impact of Student Diversity on Learning Behavior and Learning Success in a Flipped Classroom**

Theresa Bauer, Technical University of Munich, Germany; Manuel Förster, Technical University of Munich, Germany

Session H: 6

Time: 16:00-17:30

Location: Aula 11

**POSTER PRESENTATION: LEARNING AND INSTRUCTION WITH ARTIFICIAL INTELLIGENCE****Chair**

Anne-Kathrin Buttchereyt, Bergische Universität Wuppertal, Germany

**Generative AI in L1 Education: Unveiling Language Teachers' Perspectives**

Emmy Stevens, Tilburg University, Netherlands; Siebe Bluijs, Tilburg University, Netherlands; Jimmy van Rijt, Tilburg University, Netherlands; Sander Bax, Tilburg University, Netherlands

**Inquiry-based learning with GenAI: self-efficacy, motivation, and creativity in secondary students.**

Daire Maria Ni Uanachain, Université Nice Sophia Antipolis, Italy; Amelia King, Université Nice Sophia Antipolis, China

**Quality instead of quantity? Consideration of objectivity when evaluating open tasks using ChatGPT**

Lisa Matuschek, LMU Munich, Germany; Susanne Weber, Ludwig-Maximilians-Universität, Germany

**Diving into Theory: Fragmentary Thinking as Foundation for Philosophy of Education and AI-Research**

Alice Watanabe, University of Hamburg, Germany

**Exploring potentials and challenges of integrating AI in education: A literature review**

Oldřiška Buchanan, Faculty of Education, Masaryk University, Brno, Czech Republic

Session H: 7

Time: 16:00-17:30

Location: Aula 4

**ROUNDTABLE: LEARNING AND PROFESSIONAL DEVELOPMENT****Chair**

Gema Erena-Guardia, University of Seville, Spain

**Job shadowing program as an effective measure for knowledge acquisition and transfer?**

Ascha Ahmed, University of Mannheim, Germany; Viola Deutscher, University of Mannheim, Germany

**Unraveling Teacher Leadership: The impact of social networks on teacher leadership readiness**

Emma Van Malderen, Vrije Universiteit Brussel, Belgium; Vicky Willekens, Vrije Universiteit Brussel, Belgium; Jetske Strijbos, Vrije Universiteit Brussel, Belgium

**Let's talk about educational science with pre-service teachers for general and special education**

Madeleine Müller, University Erfurt, Germany



Keynote III: 1

Time: 09:30-10:30

Location: Salón de Actos

**JURE 2024 KEYNOTE: WHAT DOES AI IN EDUCATION RESEARCH TELL US ABOUT THE ROLE OF AI IN SUPPORTING HUMAN LEARNING?****Chair**

Tryfonas Papadamou, University of Cyprus, Cyprus

**What does AI in Education research tell us about the role of AI in supporting human learning?**

Káska Porayska-Pomsta, University College London, United Kingdom

Session I: 1

Time: 11:00-12:30

Location: Aula 1

**SINGLE PAPER: COMPREHENSION OF TEXT AND GRAPHICS****Chair**

Jakob Schnell, University of Bern, Institute of Educational Science, Switzerland

**Cognitive accessibility and Childhood: Needs Assessment through Focus Groups**

Miriam Rivero-Contreras, University of Extremadura, Spain; Gema Erena-Guardia, University of Seville, Spain; David Saldaña, Universidad de Sevilla, Spain

**How successful are learners in entering data into stochastic diagrams?**

Michael Rößner, LMU Munich, Germany; Karin Binder, Ludwig-Maximilians-Universität (LMU), Germany

**Operationalization and Effectiveness of Reading Strategies in Digital Reading – A meta-analysis**

Georgios Mitsostergios, Technical University Munich, Germany; Lisa Ziernwald, Technical University of Munich, Centre for International Student Assessment (ZIB), Germany; Doris Holzberger, Technical University of Munich (TUM) &amp; ZIB (Centre for International Student Assessment), Germany; Carolin Hahnel, Ruhr Universität Bochum, Germany; Frank Reinhold, University of Education Freiburg, Germany

Session I: 2

Time: 11:00-12:30

Location: Aula 11

**SINGLE PAPER: CULTURAL DIVERSITY AND INCLUSION IN SCHOOLS****Chair**

Cassandra Tho, Wageningen University &amp; Research, Netherlands

**Contributions to the Adaptation of The Ethnic Identity Scale in the Portuguese Context**

Mafalda Campos, ISPA - Instituto Universitário | Center for Research in Education, Portugal; Francisco Peixoto, ISPA - Instituto Universitário | Center for Research in Education, Portugal

**Diversity in international Large Scale Assessment– How does discourse on diversity change over time?**

Fatmana Selcik, University Heidelberg, Institute of Educational Science, Germany; Nina Jude, University Heidelberg, Institute of Educational Science, Germany

**Antecedents and consequences of perceived discrimination: The moderating role of social inclusion**

Sira Neuhaus, Technical University Dortmund, Germany; Alyssa Laureen Grecu, Center for Research on Education and School Development, Germany; Sittipan Yotyodying, Technical University Dortmund, Germany; Nele McElvany, Technical University Dortmund, Germany

Session I: 3

Time: 11:00-12:30

Location: Aula 13

**SINGLE PAPER: DOCTORAL AND RESEARCHER EDUCATION****The relationship between L1 and L2 writing proficiency among international doctoral students**

Wai Mar Phyto, University of Szeged, Hungary

**Academic Language Socialization Experiences of International Doctoral Students**

Wai Mar Phyto, University of Szeged, Hungary

**ANNOTATIONS:**

PLEASE NOTE THAT THIS SESSION WILL NOT TAKE PLACE AT THE CONFERENCE, AS THE PRESENTER IS UNABLE TO TRAVEL TO SEVILLA. BOTH PRESENTATIONS WILL BE AVAILABLE FOR ON-DEMAND VIEWING IN THE CONFERENCE APP.

Session I: 4

Time: 11:00-12:30

Location: Aula 14

**SINGLE PAPER: THE IMPACT OF DIGITAL TOOLS ON TEACHING AND LEARNING****Chair**

Xiaoqi Jin, Zhejiang University, China

**Digital Tools for Promoting Teaching Competencies – Evaluation through Longitudinal Analyses**

Katharina Frank, Johannes Gutenberg-Universität Mainz, Germany; Olga Zlatkin-Troitschanskaia, Johannes Gutenberg-Universität Mainz, Germany; Jasmin Reichert-Schlag, Johannes Gutenberg-Universität Mainz, Germany

**A Systematic Review on Digital Technologies Applied in Intergenerational Learning**

Lingran Xu, UCL, China; Suzanne May Shwen Lee, The University of Hong Kong, Hong Kong; Yan Bo Hou, Chinese International School, Hong Kong; Hidan Kim, CheongShim International Academy, Republic of Korea; Xiaoxuan Fang, The Education University of Hong Kong, China; Samuel Kai Wah Chu, Hong Kong Metropolitan University, Hong Kong

Session I: 5

Time: 11:00-12:30

Location: Aula Máster 1

**SINGLE PAPER: SELF-REGULATED LEARNING STRATEGIES****Chair**

Jasmin Lilian Bauersfeld, TU Dortmund University, Germany

**Students' perceived source of effort: Bridging effort source belief and effort attribution**

Demi Hao, University of Oxford, United Kingdom; Lars-Erik Malmberg, University of Oxford, United Kingdom; Gabriel Stylianides, University of Oxford, Cyprus

**Exploring Usage of Learning Techniques and Strategies Among University Students in Slovakia**

Peter Seban, Institute for Research of Social Communication, Slovak Academy of Sciences, Slovakia; Kamila Urban, Institute for Research in Social Communication, Slovak Academy of Sciences, Slovakia; Radovan Šikl, Institute of Psychology, Czech Academy of Sciences, Czech Republic

**The influence of enjoyment on self-regulated learning from texts**

Celina Safferthal, University of Education Karlsruhe, Germany; Anja Prinz-Weiß, University of Education Karlsruhe, Germany

Session I: 6

Time: 11:00-12:30

Location: Aula Máster 2

**SINGLE PAPER: IN-SERVICE TEACHERS' PROFESSIONAL DEVELOPMENT****Chair**

Sylvia Gabel, University of Augsburg, Germany

**How English as a foreign Language (EFL) instructors improve their Professionalism**

HIJJATUL Qamariah, University of Szeged, Hungary; Mária Hercz, Eötvös Loránd University, Budapest, Hungary

**Mapping job demands-resources and personal demands-resources of beginning primary school teachers.**

Fenny van Daalen-Visscher, University of Groningen, Netherlands; Hanke Korpershoek, University of Groningen, Netherlands; Matthijs Warrens, University of Groningen, Netherlands; Thibault Coppe, University of Groningen, Netherlands

**Multiliteracies in Practice: Unveiling Multimodal Projects in English Teacher Professional Education**

Salim Nabhan, University of Szeged, Hungary; Anita Habók, University of Szeged, MTA-SZTE Digital Learning Technologies Research Group, Hungary

Session I: 7

Time: 11:00-12:30

Location: Aula 4

## POSTER PRESENTATION: WELLBEING IN SCHOOLS

## Chair

Adrián Solís-Campos, Universidad de Sevilla, Spain

**Validation of the health-promoting lifestyle instrument among Mongolian students: a pilot study**

Erdenezul Uitumen, Doctoral School of Education, Faculty of Humanities and Social Sciences, University of Szeged; MTA-SZTE Health Promotion Research Group, Hungary; Klára Tarkó, Institute of Applied Health Sciences and Environmental Education, Juhász Gyula Faculty of Education, University of Szeged; MTA-SZTE Health Promotion Research Group, Hungary

**Gender and age differences in adolescents' well-being at school: A multi-dimensional approach.**

Martina Lattanzi, Università Vita-Salute San Raffaele, Italy; Gian Marco Marzocchi, Università degli Studi di Milano-Bicocca, Italy; Anna Ogliaresi, Università Vita-Salute San Raffaele, Italy; Valentina Tobia, Università Vita-Salute San Raffaele, Italy

**Implicit and explicit attitudes of student teachers towards homosexual pupils**

Alijagic Aldin, University of Augsburg, Germany; Gegenfurtner Andreas, University of Augsburg, Germany

**Surprise, curiosity and confusion: Epistemic emotions during high confidence errors**

Katerina Nerantzaki, Aristotle University of Thessaloniki, Greece; Panayiota Metallidou, Aristotle University of Thessaloniki, Greece; Paraskevi Stergiadou, Aristotle University of Thessaloniki, Greece

**Trajectories of Non-intellective Factors, Learning Outcomes, and Wellbeing in Secondary Schools**

Abdullah Alhowail, Durham University, United Kingdom

**Situational perception and aggression in a group of youth with special educational needs**

Karol Konaszewski, University of Bialystok, Poland

Session J: 1

Time: 14:00-15:30

Location: Aula 1

## SINGLE PAPER: ATTITUDES AND BELIEFS IN TEACHING AND LEARNING

## Chair

Teresa Vicianová, Masaryk University, Czech Republic

**Jazz'n School. Exploring a Teaching and Learning Posture through Practices, Policies, and Cultures**

Sofia Boz, Università degli Studi di Padova, Italy

**Reducing Stereotypes Toward the Gifted: Investigating the Robustness of Refutation Texts**

Vanessa Clauss, Christian-Albrechts-University of Kiel, Germany; Steffani Sass, Christian-Albrechts-University of Kiel, Germany; Friederike Zimmermann, Kiel University, Germany

**EFL Teachers' Pedagogical Beliefs, PCK, and Material Use: Instrument Adaptations and Validations**

Nurul Fitriyah Almunawaroh, Doctoral School of Education, University of Szeged, Hungary; János Steklács, Doctoral School of Education, University of Pécs, Hungary

Session J: 2

Time: 14:00-15:30

Location: Aula 14

## SINGLE PAPER: COLLABORATIVE LEARNING IN HIGHER EDUCATION

## Chair

Shan Tuyaeys, KU LEUVEN, Belgium

**Antecedents of innovative teamwork behaviour: A systematic literature review**

Idwer I Doosje, Universiteit Utrecht / Hogeschool Utrecht, Netherlands; Simon Beausaert, Maastricht University, Netherlands; Kirstin van Lommel, Hogeschool Utrecht, Netherlands; mieke koeslag-kreunen, Hogeschool Utrecht (University of Applied Sciences Utrecht), Netherlands

**Engagement in Challenge-based Learning for Interdisciplinary Project Management Efficacy Beliefs**

Selina Michel, Technical University Munich, Germany; Manuel Förster, Technical University of Munich, Germany

Session J: 3

Time: 14:00-15:30

Location: Aula Máster 2

**SINGLE PAPER: TEACHING AND INSTRUCTIONAL STRATEGIES****Chair**

Lena Sofie Kegel, University of Münster, Germany

**50 Years of Literature Teaching in a Democratic Portugal: Teachers' Life Histories**

Andressa Godoy, University of Porto, Portugal; Amélia Lopes, University of Porto, Portugal

**Using Gamification Elements as a tool for species protection awareness**

Ann-Katrin Krebs, Leuphana University Lüneburg, Germany

**Higher secondary school teachers' experience with uncertainty: a case study**

Aet Raudsep, University of Tartu, Estonia; Emanuele Bardone, Institute of Education, University of Tartu, Estonia

**Professional competence components for beginning teachers' and quality of instruction and well-being**

Hannah Kirschning, University of Kiel, Germany; Andrea Bernholt, Leibniz Institute for Science and Mathematics Education (IPN), Germany; Friederike Zimmermann, Kiel University, Germany

Session J: 4

Time: 14:00-15:30

Location: Aula 4

**POSTER PRESENTATION: DIGITAL LITERACY AND READING****Chair**

Anabela Caetano Santos, Aventura Social Associação; Universidade Aberta; ISCTE - Instituto Universitário de Lisboa, Portugal

**A pilot study on the use of pictures to facilitate reading comprehension in children.**

Vanessa Fernández-Torres, Facultad de Psicología. Universidad de Sevilla., Spain; Antonio José Hermoso Moral, Facultad de Psicología. Universidad de Sevilla, Spain; David Saldaña, Universidad de Sevilla, Spain; Isabel R. Rodríguez-Ortiz, Universidad de Sevilla, Spain

**Planned Study: Eye movement & Alpha changes after a digital reading intervention**

Mario Romero Palau, University of Valencia / Interdisciplinary Research Structure for Reading Research (ERI Lectura), Spain; Clara Soberats, University of Valencia / Interdisciplinary Research Structure for Reading Research (ERI Lectura), Spain; Ladislao Salmerón, University of Valencia, Spain

**When and how? Evaluating a web-based program to improve digital reading competence in adolescents**

Lidia Altamura García, University of Valencia, Spain; Laura Gil Pelluch, University of Valencia, Spain; Amelia Mañá, University of Valencia, Spain; Mario Romero Palau, University of Valencia / Interdisciplinary Research Structure for Reading Research (ERI Lectura), Spain; Marian Serrano-Mendizábal, University of Valencia / Interdisciplinary Research Structure for Reading (ERI Lectura), Spain; Cristina Vargas, University of Valencia / Interdisciplinary Research Structure for Reading Research (ERI Lectura), Spain; Ladislao Salmerón, University of Valencia, Spain

**The relationships between sourcing skills components and intertextual integration in adolescents**

Anna Paola Fallaci, Università degli Studi di Modena e Reggio Emilia, Italy; Oriana Incognito, IUL University (Florence) and University of Florence, Italy; Christian Tarchi, University of Florence, Italy

**Reveal the dynamics of metacognitive monitoring in reading comprehension**

Eleonora Pizzigallo, University of Padova, Italy; Alessandra Zagato, University of Padova, Italy; Gerardo Pellegrino, University of Padova, Italy; Chiara Mirandola, University of Padova, Italy; Agnese Capodieci, University of Padova, Italy; Barbara Carretti, University of Padova, Italy

**The effects of generalisations on oral and written text comprehension**

Birgit Vogt, University of Koblenz, Germany

Session J: 5

Time: 14:00-15:30

Location: Aula 5

**POSTER PRESENTATION: IMMERSIVE TECHNOLOGIES AND VIDEO-BASED LEARNING****Chair**

Anni silvola, University of Oulu, Finland

**Enhancing student collaboration in technology-enhanced science inquiry**

Meeli Rannastu-Avalos, University of Tartu, Estonia; Leo Aleksander Siiman, University of Tartu, Estonia; Mario Mäeots, University of Tartu, Estonia

**Social Capital Development, Utilization, and Its Darkside in Deep Mediatization Context**

Shu CHENG, The University of Hong Kong, Hong Kong

**Immersive Evolution: Navigating Design Appropriation in VR for Workplace Learning**

Stephanie Bowles, Penn State, United States

**Isolated or Integrated? – Instructional Approaches to Foster Professional Vision of Teaching Quality**

Jasmin Lilian Bauersfeld, TU Dortmund University, Germany; Patricia Calles, Universität Erfurt, Germany; Heike Hahn, Universität Erfurt, Germany; Bernadette Gold, TU Dortmund University, Germany

**How Emotions and Observed Teaching Quality Influence Student Teachers' Analysis of Classroom Videos**

Isabell Tucholka, TU Dortmund University, Germany; Bernadette Gold, TU Dortmund University, Germany

**From teacher-centered to student-owned: A comparative case study on transforming classroom discourse**

Yvonne Dammert, Bern University of Teacher Education, Switzerland

Session J: 6

Time: 14:00-15:30

Location: Aula 11

**POSTER PRESENTATION: TEACHING STRATEGIES AND INSTRUCTIONAL DESIGN IN MATHEMATICS****Chair**

Antonia Fischer, Goethe University Frankfurt, Germany

**Playing with half a toy? Effects of emphasizing mathematical operations when solving word problems**

Marcel Mayr, Johannes Kepler University Linz, Austria, Austria; Andrea Wisenöcker, Johannes Kepler University Linz, Austria; Cornelia S. Große, Johannes Kepler University Linz, Austria, Austria

**Exploring the interplay: PISA 2022 results, achievement, and teacher dynamics in the classroom**

Getriin Aaviste, University of Tartu, Estonia; Karin Täht, University of Tartu, Estonia

**Children's perceived effort and learning in (increasing) interleaved practice in mathematics**

Nicole Hollmann, University of Kassel, Germany; Lea Nemeth, University of Kassel, Institute of Educational Science, Germany; Nike Scheitz, Universität Kassel, Germany; Johannes Osterberg, University of Kassel, Germany; Frank Lipowsky, University of Kassel, Germany; Rita Borromeo Ferri, University of Kassel, Germany

**Enhancing conditional strategy knowledge in math: To block, interleave or interleave increasingly?**

Nike Scheitz, Universität Kassel, Germany; Lea Nemeth, University of Kassel, Institute of Educational Science, Germany; Nicole Hollmann, University of Kassel, Germany; Johannes Osterberg, University of Kassel, Germany; Frank Lipowsky, University of Kassel, Germany; Rita Borromeo Ferri, University of Kassel, Germany

**Cognitive and motivational-emotional profile of students with math learning difficulties**

Triin Kivirähk, University of Tartu, Estonia; Eve Kikas, University of Tallinn, Estonia; Mairi Männamaa, Psychology, Estonia; Aaro Toomela, University of Tallinn, Estonia; Evelyn Kiive, University of Tartu, Estonia

**The relationship between teachers' beliefs about mathematics in primary education**

Kristi Pikk, University of Tartu, Estonia; Äli Leijen, University of Tartu, Estonia; Jelena Radisic, University of Oslo, Norway; Krista Uibu, University of Tartu, Estonia

**General and Mathematics-specific Aspects of Instructional Quality: A Systematic Literature Review**

Aslihan Bayrak, Ludwig-Maximilians-Universität (LMU), Germany; Stefan Ufer, Ludwig-Maximilians-Universität (LMU), Germany

Session J: 7

Time: 14:00-15:30

Location: Aula Máster 1

**ROUNDTABLE: WRITING AND LITERACY IN EDUCATION****Chair**

Suvi Kanerva, University of Helsinki, Finland

**Impact of Rubric-Based Dialogic Feedback on Secondary School Students' Writing Motivation**

Jan-Sébastien Dion, Université de Sherbrooke, Canada

**Changes in reading habits among Georgian and Finnish adolescents during the Covid-19 pandemic.**

Zhuzhuna Gviniashvili, Åbo Akademi University, Finland

**Language-promoting questions in primary classroom-discourse – how do they affect student learning?**

Lena Biele, Humboldt Universität zu Berlin, Germany; Rebecca Höhr, Goethe-Universität Frankfurt am Main, Germany; Anna Volodina, Institut zur Qualitätsentwicklung im Bildungswesen (Institute for Educational Progress), Germany; Birgit Heppt, Humboldt-University Berlin, Germany