

# Digital Transformation in Teaching and Teacher Education

EARLI SIG 11 Conference 2022

21st June 2022 Pre-conference (JURE) 22nd - 24th June 2022 Main-conference (SIG 11)

Oldenburg, Germany



#### Welcome!

Dear participants,

it is my great pleasure to welcome you to our EARLI SIG 11 conference with the title "Digital Transformation in Teaching and Teacher Education" in Oldenburg. We had planned the conference already in 2020, but due to the Covid 19 regulations it was not possible to meet in person two years ago. We decided to postpone the conference for two years to be able to have a face-to-face meeting, believing that personal contacts are very important for academic discussions and networking.

Reflecting the pandemic situation in the last two years it became obvious that digitalization is an important topic in teaching and in teacher education. Especially Germany needs to catch up with the international developments in schools and universities. The research presented at this conference will show us developments and challenges in this field.

The keynote speakers Prof. Patricia Alexander, Prof. Kari Smith and Dr. Christopher N. Prilop will be highlights in the program giving us some new insights and perspectives. We are looking forward to some inspiring days with presentations and discussions from all our participants. We all know that networking is an important issue in every scientific conference, especially for young scientists. Therefor we spent some time to find nice places for our social events in the evenings. Excellent food in green and informal locations will be a good opportunity for personal communications between young and advanced scientist. This might help to develop new ideas to further research projects and cooperation.

A conference like this cannot be organized by a single person alone. Without the strong and always enjoyable support from the local organizing committee a conference like this would not be possible. I would like to express my gratitude to a strong, motivated and always helpful team! Besides I want to thank my international colleagues, the people in the Earli office in Bruxelles, the reviewers, the student assistants, the administrative people in the university and the PFL. Without the financial support from the DFG, the EWE, the UGO, MAXQDA and some other sponsors, the opportunity to arrange the conference would have been very limited. We are also grateful for this financial support.

Have an inspiring, productive and enjoyable conference

Barbara Moschner

Barbara Monday

### Content

Welcome!	3
Conference Venue – Cultural Center PFL	6
Program Overview	6
Program	8
JURE	8
Day 1	10
Keynote by Professor Patricia A. Alexander, University of Maryland	10
Symposium I & Paper Session I	10
Paper Session II	12
Day 2	14
Paper Session III	14
Poster Session	16
Keynote by Professor Kari Smith,  Norwegian University of Science and Technology	19
Symposium II & Paper Session IV	
Paper Session V	22
Day 3	24
JURE Keynote by Dr. Christopher N. Prilop,	
Leuphana University Lueneburg / University of Hamburg, & JURE Award	24
Paper Session VI	24
Paper Session VII	26
Presentation Sessions	28

Events	30
Conference Opening	30
JURE Get-Together	30
Welcome Evening	30
How to get to the Welcome Evening?	30
Conference Dinner	31
How to get to the Conference Dinner?	31
Conference Closing & Members Meeting	31
How to get from A to B in Oldenburg	31
Rent a bike	31
9-Euro-Ticket	32
WLAN	32
Covid-Test-Centers	32
Where can I find help?	32
Reviewers	32
Organizing Team	33
Conference convenor	33
SIG 11 coordinators	33
Local organizing committee	33
Sponsors	33

### Conference Venue – Cultural Center PFL

The venue of the SIG 11 Conference 2022 is the Cultural Center PFL (Petersstraße 3, 26121 Oldenburg). The PFL is an impressive building in the city of Oldenburg. The building represents a late classicist architectural style and used to be a hospital (Peter Friedrich Ludwigs Hospital) in former times. You will find the PFL if you follow the main street from Julius-Mosen-Platz. At the traffic lights shortly after the Julius-Mosen-Platz, you turn right into Petersstraße.

You will find the conference rooms behind the entrance hall: The Auditorium, Lecture Hall and Seminar Room II can be entered at the first floor. You can also walk into the Auditorium at the basement floor. The Big Clubroom can be found by turning right in the entrance hall and walking upstairs.

Coffee, tea and lunch bags will be served in the cafeteria which you can also find at the basement floor. The registration desk is located nearby. The wardrobe is located directly next to the registration desk.

### Program Overview

Table 1: Program Overview JURE - TUESDAY, 21.06.2022

Time-Slots	Parallel Sessions	Auditorium (Veranstaltungssaal)	Seminar Room II (Seminarraum II)
11.15 am – 12.15 pm	Registration		
12.15 – 12.45 pm		JURE Conference Opening	
Lunch			
1.30 – 3.45 pm	JURE Poster Session		JURE Poster Session SIG 11 - JURE Poster paper_type_84 session 1
Coffee/Tea Break			
4.00 – 6.00 pm	JURE Round Table		JURE Round Table SIG 11 - JURE Roundtable paper_type_85 session 1
7.00 – 11.00 pm	JURE Get-Together		

Table 2: Program Overview DAY 1 - WEDNESDAY, 22.06.2022

Time-Slots	Parallel Sessions	Auditorium (Veranstaltungs- saal)	Lecture Hall (Vortragssaal)	Big Club Room (Großer Clubraum)	Seminar Room II (Seminarraum II)
11.00 am – 12.00 pm	Registration				
12.00 – 12.30 pm		Conference Opening			
12.30 – 1.30 pm		Keynote by Prof. Patricia A. Alexander			
Lunch					
2.30 – 4.00 pm	Symposium I & Paper Session I	Symposium I	Paper Session Single Paper paper_ type_1 session 7	Paper Session Single Paper paper_type_1 session 14	Paper Session Single Paper paper_ type_1 session 22
Coffee/Tea Break					
4.15 – 5.45 pm	Paper Session II	Paper Session Single Paper paper_type_1 session 9	Paper Session Single Paper paper_ type_1 session 20	Paper Session Single Paper paper_type_1 session 13	Paper Session Single Paper paper_ type_1 session 11
7.00 – 11.00 pm	Welcome Evening				

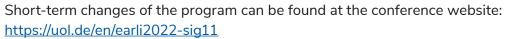
Table 3: Program Overview DAY 2 - THURSDAY, 23.06.2022

Time-Slots	Parallel Sessions	Auditorium (Veranstaltungs- saal)	Lecture Hall (Vortragssaal)	Big Club Room (Großer Clubraum)	Seminar Room II (Seminarraum II)
9.00 am – 10.30 am	Paper Session III	Paper Session Single Paper paper_type_1 session 8	Paper Session Single Paper paper_ type_1 session 26	Paper Session Single Paper paper_type_1 session 23	Paper Session Single Paper paper_ type_1 session 4
Coffee/Tea Break					
10.45 am – 12.15 pm	Poster Session	Poster Session Poster Presentation paper_ type_2 session 3	Poster Session Poster Presentation paper_type_2 session 2	Poster Session  Poster Presentation paper_ type_2 session 1	Poster Session Poster Presentation paper_type_2 session 4
Coffee/Tea Break					
12.30 – 1.30 pm		Keynote by Prof. Kari Smith			
Lunch					
2.30 – 4.00 pm	Symposium II & Paper Session IV	Symposium II	Paper Session Single Paper paper_ type_1 session 12	Paper Session Single Paper paper_type_1 session	Paper Session Single Paper paper_ type_1 session 18
Coffee/Tea Break					
4.15 – 5.45 pm	Paper Session V	Paper Session Single Paper paper_type_1 session 24	Paper Session Single Paper paper_ type_1 session 19	Paper Session Single Paper paper_type_1 session 17	Paper Session Single Paper paper_ type_1 session 16
7.00 – 11.00 pm	Conference Dinner				

Table 4: Program Overview DAY 3 – FRIDAY, 24.06.2022

Time-Slots	Parallel Sessions	Auditorium (Veranstaltungs- saal)	Lecture Hall (Vortragssaal)	Big Club Room (Großer Clubraum)	Seminar Room II (Seminarraum II)
9.00 – 10.30 am		JURE Keynote by Dr. Christopher N. Prilop & JURE Award			
Coffee/ Tea Break					
10.45 am – 12.15 pm	Paper Session VI	Paper Session Single Paper paper_type_1 session 10	Paper Session Single Paper paper_ type_1 session 1	Paper Session Single Paper paper_type_1 session 5	Paper Session Single Paper paper_ type_1 session 15
Lunch					
1.00 – 2.30 pm	Paper Session VII	Paper Session Single Paper paper_type_1 session 3	Paper Session Single Paper paper_ type_1 session 25	Paper Session Single Paper paper_type_1 session 21	Paper Session Single Paper paper_ type_1 session 6
Coffee/ Tea Break					
2.45 – 4.15 pm		Conference Closing & Members Meeting			

### Program





Please be aware that the chair assignation changed and does not correspond with the information in your EARLI user dashboard.

#### **JURE**

SIG 11 - JURE Poster paper_type_84	<b>Time:</b> 1.30 pm – 3.45 pm	Location: Seminar Room II (Seminarraum II)
session 1		

Assigned Chair: Barbara Moschner, Carl von Ossietzky University, Germany

Libraries' Perspectives on cooperating with schools to foster ICT competencies during the Lockdowns

Tatjana Vogel, Institute for Diversity Studies, TU Dortmund University, Germany

Teacher educators' professional agency in facilitating digital competence

Ilka Nagel, Østfold University College / University of Oslo, Norway

Measuring teachers attitudes towards assessment

Isabel Berger, University of Leipzig, Germany; Katrin Gottlebe, University of Leipzig, Germany; Brigitte Latzko, University of Leipzig, Germany

Teacher students' didactical reasoning on questions of instructional design in civic education Jannis Gluth, TU Dortmund University, Germany

Digital Self-Regulated Learning of Student Teachers - A Systematic Review

Laura N. Peters, Carl von Ossietzky University Oldenburg, Germany

The potential of simulation technologies to support feedback and reflection in teacher education

Lynn Dittrich, University of South-Estern Norway (USN), Norway

Transformative agency: A teacher's efforts to teach online during home schooling and Covid-19

Henrikke Flittig Aardalen, The University of South-Eastern Norway, Norway

The VeLDi-Model: An interdisciplinary competence framework for (prospective) teachers Ira Diethelm, Carl von Ossietzky University Oldenburg, Germany; Torben Mau, NLQ, Germany

ILLSU – Improving teacher training for university students in Germany focusing science education in inclusive classrooms

Lisa Federkeil, Carl von Ossietzky University Oldenburg, Madeleine Morhardt, Carl von Ossietzky University Oldenburg, Tanja Jungmann, Carl von Ossietzky University Oldenburg, Anna-Maria Hintz, Carl von Ossietzky University Oldenburg; Maja Brückmann, Carl von Ossietzky University Oldenburg

JL	JRE	Round	l Tabl	e
----	-----	-------	--------	---

Time:

Location:

SIG 11 - JURE Roundtable paper\_ type\_85 session 1

Seminar Room II (Seminarraum II) 4.00 pm - 6.00 pm

Assigned Chair: Clara Kuhn, University of Salzburg, Austria

#### Pre-Service Biology Teachers' Professional ICT Knowledge

Johanna Arndt, Carl von Ossietzky University Oldenburg, Germany; Corinna Hößle, Carl von Ossietzky University Oldenburg, Germany; Wiebke Rathje, Carl von Ossietzky University Oldenburg, Germany

Communication Skills of Mentor Teachers - a Systematization of Empirical Studies

Bettina Gautel, Gottfried Wilhelm Leibniz University Hannover, Germany; Katharina Mueller, Leibniz University Hannover, Germany

#### Day 1

#### Keynote by Professor Patricia A. Alexander, University of Maryland

		Keynote I	<b>Time:</b> 12.30 pm – 13.30 pm	<b>Location:</b> Auditorium (Veranstaltungssaal)
--	--	-----------	----------------------------------	--

Teaching and Learning in Today's Hyperconnected World: A Critical Cost-Benefit Analysis

Keynote by Professor Patricia A. Alexander, University of Maryland, United States

#### Symposium I & Paper Session I

Symposium I	<b>Location:</b> Auditorium (Veranstaltungssaal)

#### Capturing teaching – New approaches to measure instruction

**Chairs:** Mareike Kunter, DIPF | Leibniz Institute for Research and Information in Education, Germany; Robert Klassen, University of York, United Kingdom

**Organisers:** Robert Klassen, University of York, United Kingdom; Mareike Kunter, DIPF | Leibniz Institute for Research and Information in Education, Germany

Discussant: Heather Hill, Harvard Graduate School of Education, United States

#### Implementing an online scenario-based learning intervention for preservice teachers

Robert Klassen, University of York, United Kingdom; Jade Rushby, The University of New South Wales, Australia; Andreas Pfaffel, University of Vienna, Austria; Lisa Bardach, University of Tübingen, Germany

# Design and Validation of Standardized Virtual-Reality Simulation Tasks: Affordances and Constraints

Courtney Bell, University of Wisconsin, United States; Geoffrey C. Phelps, Educational Testing Service, United States

#### Using authentic teaching materials to assess teaching quality during distance learning

Thamar Voss, University of Freiburg, Germany; Nikolaus Bönke, University of Freiburg, Germany; Verena Jörg, DIPF | Leibniz Institute for Research and Information in Education, Germany; Patrick Schreyer, DIPF | Leibniz Institute for Research and Information in Education, Germany; Uta Klusmann, Leibniz Institute for Science and Mathematics Education (IPN), Germany; Mareike Kunter, DIPF | Leibniz Institute for Research and Information in Education, Germany

Time:

**Location:** 

Single Paper paper\_type\_1 session 7

2.30 pm – 4.00 pm

Lecture Hall (Vortragssaal)

Assigned Chair: Jonathan Firth, University of Strathclyde, United Kingdom

Re-examining classroom interaction norms and teacher professional development for dialogic teaching

Riikka Hofmann, University of Cambridge, United Kingdom; Kenneth Ruthven, Hughes Hall, Cambridge, United Kingdom

Beyond deficit views: dialogic tools fo developing possibility knowledge in school

Riikka Hofmann, University of Cambridge, United Kingdom; Anna Pauliina Rainio, University of Helsinki, Finland

Fostering Teachers' Integration of ICT in Teaching – a Systematic Review

Kirsten Gronau, Carl von Ossietzky University Oldenburg, Germany; Karen Vogelpohl, Carl von Ossietzky University Oldenburg, Germany

**Paper Session** 

Time:

Location:

Single Paper paper\_type\_1 session 14

2.30 pm – 4.00 pm

Big Club Room (Großer Clubraum)

Assigned Chair: Barbara Drechsel, University of Bamberg, Germany

Does reverse mentoring promote (pre-service) teachers' competence regarding digital media?

Victoria Kramer, Goethe-University Frankfurt, Institute of Psychology, Germany; Charlotte Dignath, DIPF Leibniz Institute for Education Research Frankfurt, Germany; Franziska Baier, Goethe-University Frankfurt, Germany; Katja Knuth-Herzig, University Speyer, Germany; Mareike Kunter, DIPF | Leibniz Institute for Research and Information in Education, Germany

Digital transformations and integration of ICT tools in secondary schools in Nigeria

Rachel Atomatofa, Delta State College of Education, Mosogar, Nigeria

Cultural affinity: A secondary data analysis regarding future teachers' cultural activities

Jana Costa, Leibniz Institute for Educational Trajectories (LIfBi), Germany; Barbara Drechsel, University of Bamberg, Germany

Time:

Location:

Single Paper paper\_type\_1 session 22

2.30 pm – 4.00 pm

Seminar Room II (Seminarraum II)

#### Assigned Chair: Kim van Broekhoven, Radboud University, Netherlands

#### Assessment of teachers engaging messages: School year evolution and Grade differences

Samuel Falcon, University of Las Palmas de Gran Canaria, Spain; Samuel Falcon, University of Las Palmas de Gran Canaria, Spain; Carmen Álvarez-Álvarez, University of Cantabria, Spain

# Examining the effect of teacher messages on student motivation to learn with sentiment analysis

Samuel Falcon, University of Las Palmas de Gran Canaria, Spain; Samuel Falcon, University of Las Palmas de Gran Canaria, Spain

#### What can predict the quality of technology-enhanced biology lesson plans?

Lena von Kotzebue, University of Salzburg, Austria

#### Paper Session II

Paper Session	Time:	Location:
	4.15 pm – 5.45 pm	Auditorium (Veranstaltungssaal)
Single Paper paper_type_1 session 9	·	, , , , , , , , , , , , , , , , , , ,

Assigned Chair: Nanette Seago, WestEd, United States

# Design and Effect of Video-based Asynchronous Mathematics Professional Development (PD)

Nanette Seago, WestEd, United States; Jill Neumayer DePiper, WestEd, United States; Angela Knotts, WestEd, United States

#### Teachers Adapting and Using PD Learning In Remote Settings

Karen Koellner, Arizona State University, United States; Nanette Seago, WestEd, United States; Nicora Placa, Hunter College, City University of New York, United States

#### The role of fading solution steps and revealing solutions in learning from demonstrations

Katharina Engelmann, University Hildesheim, Germany; Christof Wecker, University Hildesheim, Germany

Time:

Location:

Single Paper paper\_type\_1 session 20

4.15 pm – 5.45 pm

Lecture Hall (Vortragssaal)

Assigned Chair: Barbara Moschner, Carl von Ossietzky University Oldenburg, Germany

#### Fostering Pre-service Teachers' Assessment Skills: Learner Profiles in Video-based Simulations

Michael Nickl, Technical University München (TUM), Germany; Daniel Sommerhoff, Leibniz Institute for Science and Mathematics Education, Germany; Elias Codreanu, Technical University München (TUM), Germany; Stefan Ufer, Ludwig Maximilians-University (LMU), Germany; Tina Seidel, Technical University München (TUM), Germany

# The Effects of Pre-Service Teachers' Passive vs. Constructive Engagement on Technology Acceptance

Tugce Özbek, University of Augsburg, Germany; Christina Wekerle, University of Augsburg, Germany; Ingo Kollar, University of Augsburg, Germany

#### Change in Beliefs of Pre-service Teachers about Feedback after a Video-Based Intervention

Anna Holstein, Leuphana University Lueneburg, Germany; Christopher Prilop, Leuphana University Lueneburg, Germany; Kira Weber, Leibniz Institute for Science and Mathematics Education (IPN), Germany; Marc Kleinknecht, Leuphana University Lueneburg, Germany

**Paper Session** 

Time:

Location:

Single Paper paper\_type\_1 session 13

4.15 pm - 5.45 pm

Big Club Room (Großer Clubraum)

Assigned Chair: Ronny Scherer, University of Oslo, Norway

#### Action Orientation Protects Pre-service Teachers from Stress in Field Experience

Sandra Dietrich, University of Leipzig, Germany; Brigitte Latzko, University of Leipzig, Germany

#### Digitalization, epistemology and transformative agency

Toril Aagaard, University of Southeast Norway; Andreas Lund, University of Oslo, Norway

#### Reflection with mobile portfolios in teaching internships: collaborative process and outcomes

Konstantinos Michos, University of Zurich, Institute of Education, Switzerland; Dominik Petko, University of Zurich, Switzerland

**Time:** 4.15 pm – 5.45 pm

Location:

Single Paper paper\_type\_1 session 11

Seminar Room II (Seminarraum II)

Assigned Chair: Anika Radkowitsch, Leibniz Institute for Science and Mathematics Education (IPN), Germany

#### Pre-service teachers' acceptance of Artificial Intelligence

Michaela Gläser-Zikuda, University of Erlangen-Nürnberg, Institute for Educational Science, Germany; Chengming Zhang, University of Erlangen-Nuremberg, Germany; Jessica Schießl, University of Erlangen-Nuremberg, Germany; Florian Hofmann, University of Erlangen-Nuremberg, Germany

# Design of simulation-based learning environments: Does it affect pre-service teachers' interests?

Stephanie Kron, Ludwig-Maximilians-University (LMU), Germany; Daniel Sommerhoff, Leibniz Institute for Science and Mathematics Education, Germany; Maike Achtner, Chair of Mathematics Education, Department of Mathematics, LMU Munich, Germany; Christof Wecker, University Hildesheim, Germany; Matthias Siebeck, Institute of Medical Education, University Hospital, LMU Munich, Germany; Kathleen Stürmer, University of Tübingen, Germany; Stefan Ufer, Ludwig Maximilians-University (LMU), Germany

# Exploring the Assessment Process of Pre-service Teachers in a Simulation: A Latent Profile Approach

Anika Radkowitsch, Leibniz Institute for Science and Mathematics Education (IPN), Germany; Daniel Sommerhoff, Leibniz Institute for Science and Mathematics Education, Germany; Michael Nickl, Technical University München (TUM), Germany; Elias Codreanu, Technical University München, Germany; Stefan Ufer, Ludwig-Maximilians-University (LMU), Germany; Tina Seidel, Technical University München, Germany

### Day 2

### Paper Session III

Paper Session Single Paper paper_type_1 session 8	Location: Auditorium (Veranstaltungssaal)
Single Paper paper_type_1 session o	

Assigned Chair: Susanne Seifert, University of Graz, Austria

# Supporting diagnostic tasks and competencies of teachers in vocational schools – an interview study

Andrea Burda-Zoyke, Christian-Albrechts-University of Kiel, Germany; Juergen Seifried, University of Mannheim, Germany; Teresa Giek, University of Mannheim, Germany; Philipp Eichentopf, Christian-Albrechts-University zu Kiel, Germany

#### Enhancing VTE teachers' knowledge about digital transformation

Friederike Rechl, Technical University München (TUM), Germany; Eveline Wittmann, Technical University München (TUM), Germany

#### How can inclusive teaching succeed in a digital world? Results from the RegioDiff project

Susanne Seifert, University of Graz, Austria; Daniela Ender, University of Graz, Austria; Jessica Berger, University of Graz, Austria; Katharina Prinz, University of Graz, Austria; Valerie Fredericks, University of Graz, Austria; Lena Lanzenbacher, University of Graz, Austria; Lisa Paleczek, University of Graz, Austria

Time:

9.00 am – 10.30 am

Location:

Single Paper paper\_type\_1 session 26

Lecture Hall (Vortragssaal)

Assigned Chair: Katja Franzen, Paderborn University, Germany

# Evaluation of a video-based learning module to promote a professional vision of classroom management

Jennifer Janeczko, WWU Münster, Germany; Robin Junker, Institute for psychology in education, Muenster, Germany; Manfred Holodynski, University of Münster, Germany

# Effects of (standardized) feedback on student teachers' professional vision and feedback perceptions

Christopher Neil Prilop, Leuphana University Lueneburg / University of Hamburg, Germany; Kira Elena Weber, IPN - Leibniz Institute for Science and Mathematics Education, Germany

#### An expert model to support teacher students' video analyses of classroom situations

Jasmin Lilian Bauersfeld, TU Dortmund, Germany; Bernadette Gold, University of Erfurt, Germany

Paper Session	Time:	Location:
Single Paper paper type 1 session 23	9.00 am - 10.30 am	Big Club Room (Großer Clubraum)

Assigned Chair: Kim van Broekhoven, Radboud University, Netherlands

#### Perceptions and practices of Flemish teacher educators to deal with diversity

Benjamin Ponet, University of Ghent, Belgium; Hanne Tack, Ghent University, Belgium; Ruben Vanderlinde, Ghent University, Belgium; Wendelien Vantieghem, Ghent University, Belgium

#### The potential of the podcast as a resource for learning and developing oral skills

Agnete Bueie, University College of Southeast Norway, Norway; Toril Aagaard, University of Southeast Norway, Norway

#### Teachers' guidance in students' creative idea selection process

Kim van Broekhoven, Radboud University, Netherlands; Martina van Uum, Radboud University, Department of Teacher education, Netherlands; Paulien Meijer, Radboud University, Department of Teacher education, Netherlands; Evelyn Kroesbergen, Radboud University Nijmegen, Behavioural Science Institute, Netherlands; Jojanneke Huck, Radboud University Medical Center, Netherlands

Time:

9.00 am - 10.30 am

**Location:** 

Single Paper paper\_type\_1 session 4

Seminar Room II (Seminarraum II)

Assigned Chair: Kerstin Göbel, University of Duisburg-Essen, Germany

#### Effects of multiple source coherence and of source type on source integration

Theresa Wilkes, Saarland University, Germany; Martin Greisel, University of Augsburg, Germany; Christina Wekerle, University of Augsburg, Germany; Ingo Kollar, University of Augsburg, Germany; Robin Stark, Saarland University, Germany

#### Learning with video lessons: The role of emotion and reflection for changes in self-efficacy

Anne Schlosser, Otto-Friedrich-University, Bamberg, Germany; Jennifer Paetsch, University of Bamberg, Germany

#### Cooperative Video-Supported Reflection Settings and Reflection-Related Attitudes

Kerstin Göbel, University of Duisburg-Essen, Germany; Julia Bönte, University of Duisburg-Essen, Germany; Katharina Neuber, University of Duisburg-Essen, Germany

#### Poster Session

Poster Session	Location: Auditorium (Veranstaltungssaal)
Poster Presentation paper_type_2 ses-	, ,

Assigned Chair: Ariadne Warmoes, Vrije Universiteit Brussel (VUB), Belgium

# Implementation of a digital competency framework in special education teacher training in Germany

Hannah Wirths, Institute of Special Education, Leipzig University, Germany; Christian W. Glück, Institute of Special Education, University of Leipzig, Germany

#### How Augmented Reality is used as a digital Element in Biotech-Experiments

Lena Geuer, TU Kaiserslautern, Germany

### Implementation of digital competences in teacher training at the University of Oldenburg

Wibke Duwe, Carl von Ossietzky University Oldenburg

#### Exploring teaching behaviour of team teachers in the context of compulsory education

Aron Decuyper, Ghent University, Belgium; Hanne Tack, Ghent University, Belgium; Mathea Simons, Universiteit Antwerpen, Belgium; Ruben Vanderlinde, Ghent University, Belgium

#### School-external collaborations as a strategy to stimulate teachers' data use skills

Ariadne Warmoes, Vrije Universiteit Brussel (VUB), Belgium; Iris Decabooter, Hasselt University, Belgium; Els Consuegra, Vrije Universiteit Brussel, Belgium; Katrien Struyven, Hasselt University / Vrije Universiteit Brussel, Belgium; Roos Van Gasse, University of Antwerp, Belgium

#### **Poster Session**

**Time:** 10.45 am – 12.15 pm

**Location:** Lecture Hall (Vortragssaal)

Poster Presentation paper\_type\_2 session ?

Assigned Chair: Jannis Gluth, TU Dortmund University, Germany

#### Motivational antecedents of teacher enthusiasm in early stages of teacher education

Christin Lotz, University Leipzig, Germany; Patrick Hawlitschek, Freie Uninersität Berlin / Institute for Educational Quality Improvement (IQB) Berlin, Germany; Anne Deiglmayr, University of Leipzig, Germany

### Differences in implicit beliefs between student teachers preparing for different school types

Franziska Frohberg, University Leipzig, Germany; Anne Deiglmayr, University of Leipzig, Germany

## Developing an instrument to assess professional digital competence beliefs of (prospective) teachers

Jennifer Quast, University of Magdeburg, Germany; Charlott Rubach, University of California, Irvine, United States; Raphaela Porsch, University of Magdeburg, Germany

#### Teacher education for digital literacy - what are pre-service teachers' motivations to use ICT?

Nadine Dittert, University of Oldenburg, Germany; Kirsten Gronau, University of Oldenburg, Germany

# Animated videos of civic education lessons as a tool to foster teacher students' professional vision

Dorothee Gronostay, TU Dortmund University, Germany; Katrin Hahn-Laudenberg, University of Leipzig, Germany; Sabine Manzel, University Duisburg-Essen, Germany; Simon Filler, TU Dortmund University, Germany; Frederik Heyen, University Duisburg-Essen, Germany; Marcus Kindlinger, University of Wuppertal, Germany; Jutta Teuwsen, TU Dortmund University, Germany

#### **Poster Session**

**Time:** 10.45 am – 12.15 pm

Location:

Big Club Room (Großer Clubraum)

Poster Presentation paper\_type\_2 session 1

Assigned Chair: Barbara Moschner, Carl von Ossietzky University Oldenburg, Germany

#### Development of digital teacher education programs based on teaching-learning labs

Elisa Könnel, TU Kaiserslautern, Germany; Lena Geuer, TU Kaiserslautern, Germany; Roland Ulber, TU Kaiserslautern, Germany

# Designing Teacher Design Teams for the interdisciplinary course Project Integrated General Subjects

Tina Gryson, Ghent University, Belgium; Katrien Strubbe, Ghent University, Belgium; Tony Valcke, Ghent University, Belgium; Ruben Vanderlinde, Ghent University, Belgium

#### Design Thinking - Shedding light into trainees' educational needs in digital transformation

Susanne Weber, Ludwig-Maximilians-University, Germany; Frank Hiller, Ludwig-Maximilians-University (LMU), Germany; Stefanie Zarnow, Ludwig-Maximilians-University (LMU), Germany; Tobias Hackenberg, Ludwig-Maximilians-University (LMU), Germany; Frank Achtenhagen, University of Göttingen, Germany

### What is the impact of formal and informal activities on VET-teachers' professional development?

Marjanne Hagedoorn, Landstede Groep, Netherlands; Maaike Koopman, HU University of Applied Sciences Utrecht, Netherlands; Elly de Bruijn, Open University, Netherlands

#### Structural approaches to digital literacy training for STEM teachers

Kristine Klaeger, Technical University Kaiserslautern, Germany; Christoph Thyssen, TU Kaiserslautern, Germany

#### **Poster Session**

**Time:** 10.45 am – 12.15 pm

**Location:**Seminar Room II (Seminarraum II)

Poster Presentation paper\_type\_2 session 4

Assigned Chair: Marco Rüth, University of Cologne, Germany

Teaching and learning about disinformation: Phenomenon-based learning of multiliteracy Michael Fasching, Karl-Franzens University of Graz, Austria

Evaluation of a learning unit for the further development of student teachers' reflection skills Carola de Groote, Leipzig University, Germany

Immersive VR in elementary science education: from student conceptions to theoretical implementation

Nicolas Arndt, University of Oldenburg, Germany; Marisa Holzapfel, University of Oldenburg, Germany; Silke Bakenhus, University of Oldenburg, Germany; Maja Brueckmann, University of Oldenburg, Germany

Computer science in elementary education: What competencies are important for student teachers?

Nicolas Arndt, University of Oldenburg, Germany

### Keynote by Professor Kari Smith, Norwegian University of Science and Technology

Keynote II		Location: Auditorium (Veranstaltungssaal)
------------	--	--

What did the COVID-19 lockdown teach us about education in a future perspective? Keynote by Professor Kari Smith, Norwegian University of Science and Technology, Norway

#### Symposium II & Paper Session IV

2.30 pm – 4.00 pm Auditorium (Veranstaltungssaal)	Symposium II		Location: Auditorium (Veranstaltungssaal)
---	--------------	--	--

#### Teacher factors influencing their use of digital technology for high quality instruction

Chairs: Nicoletta Bürger, University of Hildesheim, Germany

Organisers: Alina Hase, Leuphana University Lueneburg, Germany; Leanie Kahnbach, Leuphana University

Lueneburg, Germany

Discussant: Ronny Scherer, University of Oslo, Norway

# The relationship between teachers' acceptance and use of educational technology and student data

Leonie Kahnbach, Leuphana University Lueneburg, Germany; Alina Hase, Leuphana University Lueneburg, Germany; Dirk Lehr, Leuphana University Lueneburg, Germany; Poldi Kuhl, Leuphana Universität Lüneburg, Germany

#### "I know I don't know" - Does metacognitive accuracy moderate the validity of TPK selfassessments?

Ulrike Franke, University of Tübingen, Germany; Iris Backfisch, University of Tuebingen, Germany; Armin Fabian, University of Tuebingen, Germany; Patrizia Breil, University of Tuebingen, Germany; Katharina Scheiter, Leibnitz-Institut für Wissensmedien, Germany; Andreas Lachner, University of Tübingen, Germany

#### The influence teacher factors on teaching quality: A meta-analysis

Nicoletta Bürger, University of Hildesheim, Germany; Jürgen Menthe, University of Hildesheim, Germany; Barbara SchmidtThieme, University of Hildesheim, Germany; Christof Wecker, Universität Hildesheim, Germany

Paper Session	Time:	Location:
	2.30 pm – 4.00 pm	Lecture Hall (Vortragssaal)
Single Paper paper_type_1 session 12	· ·	, , ,

Assigned Chair: Jan Henning-Kahmann, University of Education, Freiburg

#### Assess the competencies for digital teaching of student teachers

Leilei Xie, Technical University Braunschweig, Germany; Marcus Friedrich, Technical University Braunschweig, Germany; Luzie Semmler, Technical University Braunschweig, Germany; Barbara Thies, Technical University Braunschweig, Germany

# Structuring and measuring digital competencies of pre-service science teachers with DiKoLAN

Lena von Kotzebue, University of Salzburg, Austria; Sebastian Becker, University of Cologne, Germany; Christoph Thyssen, TU Kaiserslautern, Germany; Till Bruckermann, Leibniz University Hannover, Germany; Johannes Huwer, University of Konstanz, Germany; Alexander Finger, University of Leipzig, Germany; Monique Meier, University of Kassel, Germany; Erik Kremser, TU Darmstadt, Germany; Lars-Jochen Thoms, University of Konstanz, Germany

# Student teachers' demands for digital teaching competencies: instrument development and evaluation

Jan Henning-Kahmann, University of Education, Freiburg, Germany; Katharina Hellmann, University of Education Freiburg, Germany

Time: 2.30 pm - 4.00 pm

Location:

Single Paper paper\_type\_1 session 2

Big Club Room (Großer Clubraum)

Assigned Chair: Tonje Stenseth, University of South-Eastern Norway, Norway

#### Identifying factors for teachers' different ways of initiating digital learning activities

Anne Lohr, Ludwig-Maximlians-University Munich, Germany; Michael Sailer, LMU Munich, Germany; Matthias Stadler, LMU Munich, Germany; Frank Fischer, Ludwig-Maximilians-University (LMU), Germany

#### Assessing sources used by teacher trainees while preparing lesson plans — log-file data analysis

Jennifer Fischer, Johannes Gutenberg-University, Germany; Olga Zlatkin-Troitschanskaia, Johannes Gutenberg University, Germany; Marie-Theres Nagel, Johannes Gutenberg University Mainz, Germany; Ann-Kathrin Bültmann, Johannes Gutenberg- University, Germany; Susanne Schmidt, Johannes Gutenberg- University Mainz, Germany; Andreas Maur, Johannes Gutenberg- University Mainz, Germany

#### Teachers' transformative agency and technology use in one-to-one classrooms a descriptive study

Tonje Stenseth, University of South-Eastern Norway, Norway; Gunstein Egeberg, University of South-Eastern Norway, Norway; Line Ingulfsen, University of South-Eastern Norway, Norway

**Paper Session** 

Time:

Location:

Single Paper paper\_type\_1 session 18

2.30 pm - 4.00 pm

Seminar Room II (Seminarraum II)

Assigned Chair: Frank Hellmich, Paderborn University, Germany

Teachers' intentions to deal with heterogeneity in inclusive and non-inclusive primary schools

Marwin Felix Loeper, Paderborn University, Germany; Gamze Görel, Paderborn University, Germany; Frank Hellmich, Paderborn University, Germany

Digital learning materials in inclusive settings in teaching of history. An eye-tracking study

Ines Oldenburg, University of Oldenburg, Germany; Dorthe Behrens, University of Oldenburg, Germany

Pre-service teachers' team-teaching practices and children's competence development

Frank Hellmich, Paderborn University, Germany; Fabian Hoya, Paderborn University, Germany; Jan R. Schulze, Paderborn University, Germany; Eva Blumberg, University of Paderborn, Germany

**Paper Session** 

Time:

Location:

Single Paper paper\_type\_1 session 24

4.15 pm – 5.45 pm

Auditorium (Veranstaltungssaal)

Assigned Chair: Jan R. Schulze, Paderborn University, Germany

#### Computer modeling in geography teacher education

Rieke Ammoneit, Philipps University of Marburg, Germany

#### Gaining Online Teaching Skills through High-Quality Online Courses

Christian Müller, University of Passau, Germany

#### Teachers' and primary school students' experiences of online inquiry project

Norbert Erdmann, University of Turku, Finland; Mirjamaija Mikkila-Erdmann, University of Turku, Finland

**Paper Session** 

Time:

Location:

Single Paper paper\_type\_1 session 19

4.15 pm - 5.45 pm

Lecture Hall (Vortragssaal)

Assigned Chair: Maja Brückmann, University of Oldenburg, Germany

#### How Can Case Comparison Support Knowledge Acquisition?

Julia Kienzler, University Freiburg, Germany; Thamar Voss, University of Freiburg, Germany; Joerg Wittwer, University of Freiburg, Germany

#### Applying the signaling principle to preservice teachers' learning with classroom videos

Swantje Tannert, University of Erfurt, Germany; Inga Glogger-Frey, University of Freiburg, Germany; Alexander Eitel, University of Giessen, Germany; Monika Martin, Albert-Ludwigs-University Freiburg, Germany; Johanna Marder, University of Tuebingen, Germany; Alexander Renkl, University of Freiburg, Germany

#### Potential benefits of lesson-specific university-based training prior to teaching internships

Christof Wecker, University Hildesheim, Germany; Fara Semmelies, University Hildesheim, Germany; Katharina Engelmann, University Hildesheim, Germany

Time:

Location:

Single Paper paper\_type\_1 session 17

4.15 pm – 5.45 pm

Big Club Room (Großer Clubraum)

Assigned Chair: Marwin Felix Loeper, Paderborn University, Germany

#### Media usage behaviour and digital literacies of pre-service teachers

Carina Dolch, University of Oldenburg, Germany; Victoria I. Marín Juarros, University of Lleida, Spain; Olaf Zawacki-Richter, University of Oldenburg, Germany

#### Lesson planning competence - A scoping review of the literature

Madlena Kirchhoff, Leibniz University Hannover, Germany; Katharina Mueller, Leibniz University Hannover, Germany

#### The professional vision of mentor teachers: A video-based comparative judgement study

Aron Decuyper, Ghent University, Belgium; Hanne Tack, Ghent University, Belgium; Karolien Keppens, Ghent University, Belgium; Ruben Vanderlinde, Ghent University, Belgium

#### **Paper Session**

Time:

Location:

Single Paper paper\_type\_1 session 16

4.15 pm – 5.45 pm

Seminar Room II (Seminarraum II)

Assigned Chair: Gamze Görel, Paderborn University, Germany

#### Use of digital technologies by special education teachers

Carolin Reinck, Universität Oldenburg, Germany; Moritz Börnert-Ringleb, Leibniz University Hannover, Germany; Gino Casale, Bergische University Wuppertal, Germany; Clemens Hillenbrand, Carl-von-Ossietzky University Oldenburg, Germany

#### How to explain primary school teachers' self-efficacy to teach in inclusive classrooms

Katja Franzen, Paderborn University, Germany; Barbara Moschner, Carl von Ossietzky University Oldenburg, Germany; Frank Hellmich, Paderborn University, Germany

#### Characteristics of good inclusive teaching from primary school teachers' perspective

Gamze Görel, Paderborn University, Germany; Katja Franzen, Paderborn University, Germany; Frank Hellmich, Paderborn University, Germany

### Day 3

# JURE Keynote by Dr. Christopher N. Prilop, Leuphana University Lueneburg / University of Hamburg, & JURE Award

JURE Keynote & JURE Award		Location: Auditorium (Veranstaltungssaal)
---------------------------	--	--

Fostering pre-service teachers' professional competence with digital practicum environments

JURE Keynote by Dr. Christopher N. Prilop, Leuphana University Lueneburg / University of Hamburg, Germany

#### Paper Session VI

Paper Session		Location: Auditorium (Veranstaltungssaal)
Single Paper paper_type_1 session 10	•	,

Assigned Chair: Susanne Jurkowski, University Erfurt, Germany

#### Examining epistemic processes when preservice teachers reflect on a pedagogical situation

Marcus Kindlinger, University of Wuppertal, Germany; Kati Trempler, University of Wuppertal, Germany; Anna-Lena Molitor, University of Wuppertal, Germany; Ulrike Hartmann, DIPF | Leibniz Institute for Research and Information in Education, Germany

Pre-Service Teachers' Collaborative Lesson Planning and their Self-Concepts in Inclusive Education

Jan R. Schulze, Paderborn University, Germany; Eva Blumberg, University of Paderborn, Germany; Frank Hellmich, Paderborn University, Germany

Supporting teachers' use of cooperative learning through teacher training based on collaboration

Susanne Jurkowski, University Erfurt, Germany; Anna Abramczyk, Dolnośląska Szkoła Wyższa, Poland

**Time:** 10.45 am – 12.15 pm

**Location:** Lecture Hall (Vortragssaal)

Single Paper paper\_type\_1 session 1

Assigned Chair: Sandra Fischer-Schöneborn, Leuphana University Lüneburg

# Teaching Through the Storm: Resilience and Burnout Trajectories of Expatriate Teachers in the UAE

Antje von Suchodoletz, New York University Abu Dhabi, United Arab Emirates; Christopher Bryan, New York Univesity Abu Dhabi, United Arab Emirates

#### Educational Trajectories as Study Entrance Characteristics of Student Teachers in Germany

Nadine Twele, Leibniz University Hannover, Germany; Seyma Gülen, Leibniz University Hannover, Germany; Katharina Mueller, Leibniz University Hannover, Germany

Working in research-practice partnerships: Empirical findings on motivation and co-construction

Sandra Fischer-Schöneborn, Leuphana University Lüneburg, Germany; Timo Ehmke, Leuphana University of Lüneburg, Germany

Paper Session	Time:	Location:
	10 45 am – 12 15 nm	Rig Club Room (Großer

Single Paper paper\_type\_1 session 5

Clubraum)

Assigned Chair: Marcus Friedrich, Technical University Braunschweig, Germany

#### On the relevance of goal orientations in mentoring - an explorative interview study

Clara Kuhn, University of Salzburg, Austria; Gerda Hagenauer, University of Salzburg, Austria; Alexander Groeschner, Friedrich Schiller University Jena, Germany

#### The BilApp – An Application to Support Competence-oriented Studying in Teacher Education

Tobias Hirmer, Center of Teacher Education, Otto-Friedrich University of Bamberg, Germany; Nora Heyne, Center of Teacher Education, Otto-Friedrich-University of Bamberg, Germany; Jennifer Paetsch, University of Bamberg, Germany; Daniel Mann, University of Bamberg (Otto-Friedrich-University Bamberg), Germany

### Can intrinsic motivation to teach digitally be explained by teaching enthusiasm and interest in ICT?

Marcus Friedrich, Technical University Braunschweig, Germany; Luzie Semmler, Technical University Braunschweig, Germany; Barbara Thies, Technical University Braunschweig, Germany; Leilei Xie, Technical University Braunschweig, Germany

Time:

Location:

Single Paper paper\_type\_1 session 15

10.45 am – 12.15 pm

Seminar Room II (Seminarraum II)

#### Assigned Chair: Jonathan Firth, University of Strathclyde, United Kingdom

# The Impact of Career Choice Motives on the Career Paths of Teacher Education Graduates in Germany

Sebastian Franz, Leibniz Institute for Educational Trajectories (LlfBi), Germany; Claudia Menge, German Centre for Higher Education Research and Science Studies (DZHW), Germany; Stefanie Gaeckle, German Centre for Higher Education Research and Science Studies (DZHW), Germany

# Long-term Effects of the Induction Phase on Beginning Teachers' Wellbeing. A longitudinal Analysis

Stefanie Gaeckle, German Centre for Higher Education Research and Science Studies (DZHW), Germany; Claudia Menge, German Centre for Higher Education Research and Science Studies (DZHW), Germany

#### Factors affecting teacher burnout: Implications for teacher education and policy

Jonathan Firth, University of Strathclyde, United Kingdom; Ivana Mašková, University of South Bohemia in Ceske Budejovice, Czech Republic

#### Paper Session VII

Paper Session	Time:	Location:
	1.00 pm – 2.30 pm	Auditorium (Veranstaltungssaal)
Single Paper paper_type_1 session 3		,

Assigned Chair: Marco Rüth, University of Cologne, Germany

#### Digital competences unleashed: Developing a curriculum for in- and pre-service teachers

Katharina Maitz, University of Graz, Austria; Angela Fessl, Graz University of Technology, Austria; Lisa Paleczek, University of Graz, Austria; Monica Divitini, Norwegian University of Science and Technology (NTNU), Norway; Majid Rouhani, Norwegian University of Science and Technology (NTNU), Norway; Thomas Köhler, Dresden University of Technology, Germany

# Longitudinal changes in stress experiences and self-efficacy beliefs of German preschool teachers

Julia Steigleder, Eberhard Karls University Tübingen, Germany; Lilly Buhr, Eberhard Karls University Tübingen, Germany; Jan-Henning Ehm, Center for Research on Education and Human Development (DIPF), Germany; Antje von Suchodoletz, New York University Abu Dhabi, United Arab Emirates; Caterina Gawrilow, Eberhard Karls University Tübingen, Germany

# How pre-service teachers' intentions to teach with games relate to their personal characteristics

Marco Rüth, University of Cologne, Germany; Adrian Birke, University of Cologne, Germany; Kai Kaspar, University of Cologne, Germany

Time:

1.00 pm – 2.30 pm

Location:

Single Paper paper\_type\_1 session 25

Lecture Hall (Vortragssaal)

Assigned Chair: Laura Ohmes, Carl von Ossietzky University Oldenburg, Germany

# Learning from the expert? Exploring expertise differences in the perception of classroom disruptions

Mandy Klatt, University Leipzig, Germany; Christin Lotz, University Leipzig, Germany; Gregor Kachel, University of Leipzig, Germany; Anne Deiglmayr, University of Leipzig, Germany

#### Continuing education strategies of teachers in VET - An activity-theoretical perspective

Susanne Weber, Ludwig-Maximilians-University, Germany; Stefanie Zarnow, Ludwig-Maximilians-University (LMU), Germany; Frank Hiller, Ludwig-Maximilians-University (LMU), Germany; Tobias Hackenberg, Ludwig-Maximilians-University (LMU), Germany; Susan Seeber, Georg-August-University Göttingen, Germany; Patrick Geiser, Georg-August-University Göttingen, Germany; Frank Achtenhagen, University of Göttingen, Germany; Matthias Schumann, Georg-August-University Göttingen, Germany; Julian Busse, Georg-August-University Göttingen, Germany

# The effect of student teachers' media use on the acquisition of teaching skills using digital tools

Katharina Frank, Johannes Gutenberg-Universitaet Mainz, Germany; Jasmin Schlax, Johannes Gutenberg-University Mainz, Germany; Olga Zlatkin-Troitschanskaia, Johannes Gutenberg University of Mainz, Germany; Sebastian Brueckner, Chair of business education, Germany; Moritz Schneider, Johannes Gutenberg-University Mainz, Germany; Christian Dormann, Johannes Gutenberg University of Mainz, Germany; Anja Müller, Johannes Gutenberg University of Mainz, Germany

#### **Paper Session**

Time:

Location:

Single Paper paper\_type\_1 session 21

1.00 pm - 2.30 pm

Big Club Room (Großer Clubraum)

Assigned Chair: Matthias Schulden, Department of Special Needs Education and Rehabilitation, University of Oldenburg, Germany

#### Effectiveness of a digital professional development program for history teachers

Matthias Schulden, Department of Special Needs Education and Rehabilitation, University of Oldenburg, Germany; Viktoria Pöchmüller, Department of Special Needs Education and Rehabilitation, University of Oldenburg, Germany; Dr. Clemens Hillenbrand, University Oldenburg, Institute for Special Education and Rehabilitation, Germany

#### Early-career teachers' experiences with innovative professional potential in secondary schools

Julia van Leeuwen, Radboud Teachers Academy, Radboud University Nijmegen, Netherlands; Harmen Schaap, Radboud University Nijmegen, Netherlands; Femke Geijsel, Radboud University Nijmegen, Netherlands; Paulien Meijer, Radboud University Nijmegen, Netherlands

**Time:** 1.00 pm – 2.30 pm

Location:

Single Paper paper\_type\_1 session 6

Seminar Room II (Seminarraum II)

Assigned Chair: Fleur van Gils, KU LEUVEN, Belgium

Developing & evaluating a pedagogically driven technology training program for language teaching

Maha Alghasab, University of York, Kuwait; Zoe Handley, University of York, United Kingdom

New Directions in Studying Classroom Talk: A Mixed-Method Case Study on Silent Students

Dennis Hauk, Friedrich Schiller University Jena, Germany; Alexander Groeschner, Friedrich Schiller University Jena, Germany

Teacher characteristics as predictors of their responses to bullying incidents among students

Fleur van Gils, KU LEUVEN, Belgium; Karine Verschueren, KU Leuven, Belgium; Hilde Colpin, KU LEUVEN, Belgium

#### Presentation Sessions

A highlight of the conference are the keynotes from Prof. Patricia A. Alexander, Prof. Kari Smith and Dr. Christopher N. Prilop who will share their view and research on developments related to the rapid transformation in teaching and teacher education:

#### Keynote I

22<sup>nd</sup> June | 12:30 pm to 1:30 pm

#### Prof. Patricia A. Alexander

Teaching and Learning in Today's Hyperconnected World: A Critical Cost-Benefit Analysis for Educators and Students

#### Keynote II

23<sup>rd</sup> June | 12:30 pm to 1:30 pm

#### **Prof. Kari Smith**

What did the COVID-19 lockdown teach us about education in a future perspective?

#### JURE Keynote

24<sup>th</sup> June | 09:00 am to 10:00 am

#### Dr. Christopher N. Prilop

Fostering pre-service teachers professional competence with digital practicum environments

#### JURE Poster Session:

In the JURE Poster Session, 5 minutes are allocated for each poster presentation. After the first 4 authors presented their posters, a discussion with the audience of each poster (10 minutes, 40 minutes in total) follows. Afterwards, the next 4 authors present their posters, again followed by individual discussions with the audience.

#### JURE Round Table:

The JURE Round Table (120 minutes) offers opportunities for a more discursive exploration of research issues. This is the place to present and discuss emerging data, or to solve a research issue or problem.

#### JURE Award

24<sup>th</sup> June | 10:00 am to 10:30 am

Auditorium, PFL

A junior researcher and presenter at the JURE will be awarded "Best Poster Presentation".

#### Symposium I and II:

Symposia consist of three papers and a discussant. Each paper will be allocated 20 minutes maximum for presentation (including discussion), and the same for the discussant.

#### Paper Sessions:

The Paper Sessions comprise three singel papers. Each paper will be allocated 20 minutes for presentation and 10 minutes for discussion following each paper.

#### Poster Session:

In the Poster Session, 10 minutes are allocated for each poster presentation.

After the first 3 authors presented their posters, a discussion with the audience of each poster (5 minutes, 15 minutes in total) follows. Afterwards, the next 2 authors present their posters, again followed by individual discussions (5 minutes, 10 minutes in total) with the audience.

#### **Events**

### **Conference Opening**

The Conference Opening ( $22^{nd}$  of June, 12:00 - 12:30 pm) will take place in the Auditorium at the conference venue. SIG coordinator Prof. Barbara Moschner as well as Prof. Ralph Bruder, president of the Carl von Ossietzky University of Oldenburg, and Christine Wolff, mayor of Oldenburg, will welcome you to the SIG 11 conference 2022.

### JURE Get-Together

The JURE get-together offers all participants of the JURE an opportunity to continue networking and exchanging ideas in a cozy ambience in the city centre. The "Schiller" restaurant (Schlossplatz 2, 26122 Oldenburg) is closely located to the castle, the Lamberti church and the old marketplace.

Link to website: <a href="https://www.schiller-ol.de/">https://www.schiller-ol.de/</a>

### Welcome Evening

The Welcome Evening ( $22^{nd}$  of June, 7-11 pm) takes place at the **Carl von Ossetzky University, Campus Wechloy**. The Campus Wechloy is home to the natural sciences and one of two campuses of the University of Oldenburg.

On the Welcome Evening, you can meet, get to know and talk to other SIG members in an informal atmosphere. Dinner as well as alcoholic and non-alcoholic drinks will be provided.

### How to get to the Welcome Evening?

The busline 306 departs every 15 min from the Julius-Mosen-Platz (close to the PFL) and the central station and will take you directly to Campus Wechloy (bus stop "Uni/Campus Wechloy"). You can find the event location by entering the main entrance and walking straight ahead to the patio of the campus.

Please be aware that the last bus to the city centre leaves Campus Wechloy at 11:59 pm.

Afterwards, taxis can be booked by calling the following telephone numbers:

ACHT- ELF-ELF: 0441 81111 Taxiruf 2255: 0441 2255 City-Taxi: 0441 15815

#### Conference Dinner

The Conference Dinner takes places in the country side at the beautiful Gut Wahnbek (23rd of June, 7 - 11 pm). This evening will provide time to catch up after the first two conference days or even discover ways of collaboration.

### How to get to the Conference Dinner?

You can get to Gut Wahnbek in 30 minutes by taking the busline 323 to "Wahnbek Sandbergstraße" which departs every 30 minutes from the Julius-Mosen-Platz. After an 8 minutes walk you will find Gut Wahnbek:



Please be aware that the last bus departs at the bus stop "Wahnbek Sandbergstraße" at 11:11 pm. Afterwards, you can book a taxi:

ACHT- ELF-ELF: 0441 81111 Taxiruf 2255: 0441 2255 City-Taxi: 0441 15815

### Conference Closing & Members Meeting

On the Conference Closing and SIG 11 Members Meeting, after three intense conference days, there is time to reflect and think about future ways. The Conference Closing and Members Meeting  $(24^{nd} \text{ of June}, 2:45 - 4:15 \text{ pm})$  will take place in the Auditorium at the conference venue.

### How to get from A to B in Oldenburg

Oldenburg is a beautiful small city that is worth exploring. Interesting facts about its history, sightseeing highlights etc. can be found on the following website of the city of Oldenburg (English version):

https://www.oldenburg.de/sprachversionen/gb/tourist-information.html



#### Rent a bike

Oldenburg is a city where you can reach various places easily by foot or by bike. On the following websites, you can book a bike for a single tour and up to a couple of days:

#### DB - Call a bike:

prices: 1 € / 15 minutes, max. 9 € / Day

Link to the website: <a href="https://www.callabike.de/en/home/">https://www.callabike.de/en/home/</a>

#### OLi-Bike:

prices: **1** € / 30 minutes, max. 9 € / 24 h per rental Link to website: <a href="https://www.oli-bike.de/en/information/">https://www.oli-bike.de/en/information/</a>





#### 9-Euro-Ticket

For bus transfers within the city and for getting to the locations of the events, we recommend the 9-Euro-Ticket. It offers you the opportunity to travel one month with trains and public transports in Germany.

The ticket can be purchased via DB channels (bahn.de), the DB Navigator app and at the train station.

Link to website: <a href="https://www.bahn.com/en/offers/regional/9-euro-ticket-en">https://www.bahn.com/en/offers/regional/9-euro-ticket-en</a>



### WLAN

The city of Oldenburg offers a free Wlan (OL-WLAN), which can be accessed in the conference venue PFL and at various other places in the city e.g., Julius Mosen-Platz, Schlossplatz, Waffenplatz and the central bus station.

Furthermore, each presenter will get access to the conference venue's internal Wlan directly before the presentation.

### Covid-Test-Centers

At the venue, all restrictions were released due to the low incidence in Oldenburg. Please take care of yourself and others at the conference. If you want to you can book a test at one of the following test centers that are close to the conference venue:

Julius-Mosen-Platz: <a href="https://oldenburg.bitte-teste-dich.de/en">https://oldenburg.bitte-teste-dich.de/en</a>

Oldenburg Theater: <a href="https://laborkreis.de/">https://laborkreis.de/</a>

Lappan: <a href="https://www.testzentrum-amlappan.de/">https://www.testzentrum-amlappan.de/</a>

We will inform you as soon as there are any changes regarding the Covid restrictions.

### Where can I find help?

For any questions or concerns, you can get help at the registration desk. Furthermore, the organization team and student assistants will be happy to answer your questions at the conference venue or at the event locations.

Email: earli-sig11@uni-oldenburg.de

#### Reviewers

The organizing team would like to thank everyone who was voluntarily participated in the review process and thus contributed to the quality and success of the conference.

### Organizing Team

#### Conference convenor

- Barbara Moschner, Department of Educational Sciences, University of Oldenburg

#### SIG 11 coordinators

- Tova Michalsky, Bar-Ilan University, SIG 11 coordinator
- Clara Kuhn, University of Salzburg, JURE coordinator SIG 11

### Local organizing committee

- Maja Brückmann, Department of Educational Sciences
- Juliane Schlesier, Department of Educational Sciences
- Marisa Alena Holzapfel, Department of Educational Sciences
- Laura Ohmes, Department of Educational Sciences
- Nicolas Arndt, Department of Educational Sciences
- Phuong Mai Bui, student assistant
- Lina Marie Jeromin, student assistant

### **Sponsors**

Funded by













Notes	

