

# EARLI SIG—5

ECEC  
2.0

Future Challenges for Early  
Childhood Education & Care

CONFERENCE PROGRAM

**29. — 31.08**  
**2018**  
**— BERLIN**

Learning &  
Development  
in Early  
Childhood



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## Welcome!

Dear participants,

We are pleased to welcome you in Berlin to this year's "EARLI SIG 5 – Learning and Development in Early Childhood" conference with the theme "ECEC 2.0 – Future Challenges for Early Childhood Education and Care".

The experiences children have in their early years influence their physical, cognitive, emotional, and social development. Therefore, it is important to invest in ECEC in these early years of childhood. With our conference theme, we would like to stress two special topics in ECEC: firstly, the increasing recognition of the importance of social-emotional and motivational competency aspects for children's educational pathways, and secondly, the arising topic of the use of technology in ECEC. Digital media in education is currently taking up a great deal of public debate.

At this EARLI SIG 5 conference, we have several special features such as a panel discussion led by Iram Siraj on "Chances and risks of ICT in Early Childhood Education and Care". We are very much looking forward to three keynotes by Deborah Stipek, Lieselotte Ahnert, and Andrew Manches, who address the conference theme with the knowledge from their research background. Additionally, two workshops will be conducted by Katrin Arens, Pauline Slot, C. Katharina Spieß and Mirjam Steffensky on Wednesday and Thursday mornings respectively. The speakers will present on the topics "Publishing in English-speaking Journals" and "Women in Science".

In more than 40 scientific sessions, the program will address many aspects of early childhood education and care such as mathematical knowledge of preschool teachers, children's self-regulation skills, and virtual learning environments. Not only are the issues diverse, but the participants come from all over the world, e.g. the US, Taiwan, Portugal, Kenya or Sweden. We encourage you to participate in the discussions, and we hope the conference helps in the exchange of information and development of new collaborations.

In addition to the fruitful exchange, we will try to show you the beautiful side of Berlin and of the Freie Universität Berlin, hopefully in the sunshine, that you may enjoy the coffee breaks and social events in the sunshine. However, if not, one motto of Berlin is: "It's Berlin, if you make it beautiful everywhere". We will do our best to provide an environment that will enable you to focus on the scientific content and exchange, to listen to new ideas such as digital learning environments, and to come back from this conference with new energy for your work and research.

The EARLI SIG 5 2018 in Berlin is jointly organized by Freie Universität Berlin (Department of Early Childhood Education) and EARLI (European Association for Research on Learning and Instruction). We would like to give our warm thanks to everyone from our university, to the EARLI, and to our sponsors. Last but not least, warm thanks go to the submitters and authors, the reviewers, volunteers and the other participants, for making this conference happen.

**Yvonne Anders and Joana Cadima**

(SIG 5 Coordinators)

**Elisa Oppermann and Franziska Cohen**

(SIG 5 JURE Coordinators)

### Local Committee

Itala Ballaschk, Hande Erdem, Susanne Heinrich, Theresia Hummels, Ulrike Jagelmann, Sophia Köpke, Csaba Kurucz, Nadine Michels, Maria Odemarck, Clara Schmitt, Franziska Scholz, Juliane Schünke, Deborah Staiger, Mareike Trauernicht, Eric Vogel, Nadine Wieduwilt, Nadine Witt, Katrin Wolf

## General information and tips

### General emergency calls

Police	110
Fire brigade rescue service / emergency doctor	112

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### Public transport / Taxi service

Please visit the following website of the Berliner Verkehrsbetriebe (BVG) for your travel information within Berlin:

***<http://www.bvg.de/en/>***

You can also use the App which is called "BVG FahrInfo Plus" which is available in the "Google Play Store" and "Apple App Store". The app allows you to use your phone as a mobile ticket.

Call "**Taxi Berlin**" around the clock at: **+49 30 202020** (German hotline)  
**+49 30 202021 - 220** (English hotline)

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### Other

Please have a look at the first map at the end of the program book to find further information about the following topics: **ATMs, Pharmacies, Restaurants and Bakeries.**

## Conference venue

The EARLI SIG 5 conference takes place in two buildings: The School of Economics and Business and the Conference Centre “Henry Ford Building” of the Freie Universität which are located in Berlin, Germany. The conference starts on the 29th of August and ends on the 31st of August 2018.

- Henry Ford Building (Conference Centre) at Garystraße 35, 14195 Berlin
- School of Business and Economics at Garystraße 21, 14195 Berlin

Please have a look at the maps at the end of the program book to have an overview of the area and the buildings themselves.

### Henry Ford Building:

Ground floor:	Foyer Lecture hall A Cloakroom	(Registration desk, lunch)
First floor:	Conference room K I	(Lockable room for luggage)

### School of Business & Economics:

Ground floor	Foyer/hallway Lecture hall 102 Lecture hall 103 Lecture hall 104 Lecture hall 106 Lecture hall 107	(Coffee break)
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All workshops, keynotes, poster sessions, panel discussion and meetings will take place in the lecture halls at the School of Business and Economics as well as in the lecture hall A at the Henry Ford Building.

Please find the detailed floor plan at the end of the conference book. Both buildings are barrier-free.

## How to get there?

Please note that we assume no liability for any stated costs.

Please note that during the conference there will be bus replacement service on the U3 underground line. This applies to the route from U Breitenbachplatz to U Krumme Lanke. The buses will have the same stops as the subway. Please get off at the station U Freie Universität (Thielplatz).

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### From “Tegel Airport” to the conference location

Address: Garystraße 35, 14195 Berlin (Henry Ford Building)

By cab/taxi: approx. time: 20-30 min.; approx. costs: € 30.00- 35.00

By public transport: approx. time: 60 min.; costs: € 2.80 (one direction/ticket AB/2h)

→ When using public transport, make sure that the final stop of buses, subways and underground lines is always displayed first.

#### Directions:

Bus 109 towards S+U Zoologischer Garten via Kurfürstendamm → 22 min (12 stops)

Get off at U Adenauerplatz

→ then please take:

Bus X10 towards S Teltow Stadt or Teltow Rammrath-Brücke → 16 min (6 stops)

Get out at U Oskar-Helene-Heim → 8 min. walk to the conference location

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### From “Schoenefeld Airport” to the conference location

Address: Garystraße 35, 14195 Berlin (Henry Ford Building)

By cab/taxi: approx. time: 30 min.; approx. costs: € 45.00 – 50.00

By public transport: approx. time: 80 min.; costs: € 3.40 (one direction/ticket ABC/2h)

→ When using public transport, make sure that the final stop of buses, subways and underground lines is always displayed first.

#### Directions:

Bus 171 towards U Hermannplatz → 13 min (9 stops)

Get off at U Rudow

→ then please take:

Subway U7 towards S+U Rathaus Spandau → 34 min (22 stops)

Get off at U Fehrbelliner Platz

→ then please take:

Subway U3 towards U Krumme Lanke → 10 min (6 stops)

Get off at U Freie Universität (Thielplatz)

7 min. walk to the conference location

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**If you are accommodated at the “Hotel Steglitz International,” please find your travel information below.**

### From “Tegel Airport” to “Hotel Steglitz International”

Address: Albrechtstraße 2, 12165 Berlin

By cab/taxi: approx. time: 20-25 min.; approx. costs: € 30.00- 35.00

By public transport: approx. time: 40 min.; costs: € 2.80 (one direction/ticket AB/2h)

→ When using public transport, make sure that the final stop of buses, subways and underground lines is always displayed first.

### **Directions:**

Bus TXL towards S+U Alexanderplatz via Hauptbahnhof → 14 min (4 stops)

Get off at U Turmstraße (Bus: Alt-Moabit)

→ then please take:

Subway U9 towards U Walther-Schreiber-Platz → 12 min (9 stops)

Get off at U Walther-Schreiber-Platz

→ then please take:

Bus M85 towards S Lichterfelde Süd via Hindenburgdamm → 7 min (3 stops)

Get off at S+U Rathaus Steglitz → 1 min. walk to the hotel

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### **From “Schoenefeld Airport” to “Hotel Steglitz International”**

Address: Albrechtstraße 2, 12165 Berlin

By cab/taxi: approx. time: 20-30 min.; approx. costs: € 40.00 – 45.00

By public transport: approx. time: 60 min.; costs: € 3.40 (one direction/ticket ABC/2h)

→ When using public transport, make sure that the final stop of buses, subways and underground lines is always displayed first.

### **Directions:**

Train RB14 towards Nauen Bahnhof → 29 min (4 stops)

Get off at Berlin Friedrichstraße

→ then please take:

Tram S1 towards S Wannsee Bhf → 18 min (9 stops)

Get off at S+U Rathaus Steglitz → 3 min. walk to the hotel

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### **From “Hotel Steglitz International” to the conference location**

Address: Garystraße 35, 14195 Berlin

By cab/taxi: approx. time: 10 min.; approx. costs: € 10.00 – 15.00

By public transport: approx. time: 25 min.; costs: € 2.80 (one direction/ticket AB/2h)

→ When using public transport, make sure that the final stop of buses, subways and underground lines is always displayed first.

### **Directions:**

2 min. walk to S+U Rathaus Steglitz

→ then please take:

Bus X83 towards U Dahlem-Dorf → 8 min (6 stops)

Get off at U Dahlem-Dorf

→ then please take:

Subway U3 towards U Krumme Lanke → 2 min (1 stop)

Get off at U Freie Universität (Thielplatz) → 7 min. walk to the conference location

## Registration – Henry Ford Building

The registration desk will be open on Wednesday, 29th August 2018, between 09:00 am and 11:30 am on the ground floor in the Henry Ford Building. You will receive your conference documents, name tags, and detailed information about social events here. It is of course possible to register afterwards. We point out, however, that it will basically not be possible to sign up for and pay for the conference at the registration desk.

There is also an information point parallel to the registration desk, which is located on the ground floor of the Henry Ford Building as well. The information point is occupied during the sessions of the conference. In case of any questions or problems, do not hesitate to contact us at the information point.

## Opening and Closing Sessions

The opening and closing sessions will take place in the Henry Ford Building in lecture hall A. The opening session will be inaugurated by Prof. Günter M. Ziegler, President of Freie Universität Berlin. Furthermore, the EARLI SIG 5 coordinators Prof. Dr. Yvonne Anders and Dr. Joana Cadima will welcome the participants. This is followed by a contribution by author and moderator Christoph Koch on the subject of digitization. Prof. Dr. Kathy Sylva will lead the closing session.

## Cloakroom

You will find the cloakroom at the ground floor of the Henry Ford Building where you could also leave your luggage. The cloakroom will be open all day during the conference days. A lockable room for your luggage will be also provided at the first floor of the Henry Ford Building in conference room K I. The key to the luggage room is provided by the conference staff in the cloakroom.

## WLAN & Technical Equipment

Conference participants should connect to the wireless network with the SSID: **conference** and open an arbitrary web page. Instead of that page a form will appear, in which the user can enter the following key: **r8wi3tz4**

Access to the wireless network will then be granted, and the user will be automatically forwarded to the web page that was originally requested.

Note: Connections to the wireless network "conference" are not encrypted and are not secure. To ensure confidentiality and encryption, please use appropriate protocols (https, ssh, VPN).

For presentations we provide the technical equipment that you would need (Computer, presenter, microphone). If you want to use your Macintosh computer, we kindly ask you to bring your adapter (VGA and DVI socket available).

## SIG 5 Member Meeting

The SIG 5 Member Meeting is planned for the 29th of August 2018 and will take place at the lecture hall A in the Henry Ford Building from 05:00 to 06:00 pm.

## Social Events

### German Beer Garden - 28th of August 2018

We will visit a typical German beer garden close to the conference location. The beer garden is called "Alter Krug" (for detailed information please visit the website: <https://alter-krug-berlin.de/>) where you can enjoy German beer and food in a comfortable and rustic atmosphere. We will meet you directly at the location at 06:30 pm (map attached) or in front of the underground station "Dahlem Dorf" at the small square at 06:15 pm so that we can make our way to the beer garden together (approx. 10 min. walk). Please note that dinner and drinks will be chosen and paid individually. Please note that you were requested to book the beer garden visit in line with the general registration. Registrations are no longer possible. We are looking forward to meeting you there.

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### Boat Trip - 29th of August 2018

We will join a boat trip where you will be guided to famous sightseeing spots in the city of Berlin. The boat trip will begin at Berlin "Friedrichstraße" (Address is: Schiffbauerdamm 12, 10117 Berlin), located in the center of Berlin. We will see for example the Berlin cathedral, the "Reichstag", the government district and other German historic spots. A ticket for the boat trip costs 15.00 € and needs to be paid at the registration desk on the 29th of August in line with the conference registration. Please note that payment is only possible in cash and in Euro. Credit cards cannot be accepted. If required, you can also buy a public transport ticket for the way to the boat trip at the registration desk. We will meet you directly at the location at 06:45 pm or at the information point at 06:00 pm so that we can make our way together. The boat trip starts at 07:00 pm and will take approximately 1.5 hours. Please note that you were requested to book the boat trip in line with the general registration. Registrations are no longer possible.

By public transport: approx. time: 50 min.; costs: € 2.80 (one direction/ticket AB/2h)

→ When using public transport, make sure that the final stop of buses, subways and underground lines is always displayed first.

### Directions:

10 min. walk to U Freie Universität (Thielplatz)

→ then please take:

Subway U3 towards S+U Warschauer Str.

→ 26 min (15 stops)

Get off at U Hallesches Tor

→ then please take:

Subway U6 towards U Alt-Tegel

→ 5 min (4 stops)

Get off at S+U Friedrichstr. Bhf (Berlin) → 5 min. walk to "Schiffbauerdamm 12, 10117 Berlin"

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### Conference Dinner - 30th of August 2018

The conference dinner starts at 07:30 pm at the "Spreespeicher" (Address is Stralauer Allee 2, 10245 Berlin). This waterfront event location gives you a perfect view of the sunset while listening to the band "Stereofysh", playing indoor golf if you like and having dinner. We will meet you directly at the location at 07:30 pm or at the information point in the Henry Ford Building at 06:30 pm so that we can make our way together. Please note that you are requested to book the conference dinner in line with the general registration. We are looking forward to a fabulous evening!

By public transport: approx. time: 60 min.; costs: € 2.80 (one direction/ticket AB/2h)

→ When using public transport, make sure that the final stop of buses, subways and underground lines is always displayed first.

### Directions:

10 min. walk to U Freie Universität (Thielplatz)

→ then please take:

Subway U3 towards S+U Warschauer Str.

→ 33 min (19 stops)

Get off at U Schlesisches Tor → 10 min. walk to "Stralauer Allee 2, 10245 Berlin"

## Lunch

The lunch takes place at the foyer on the ground floor of the Henry Ford Building during the following time slots:

29th August	12:30 to 01:30 pm
30th August	12:45 to 01:45 pm
31st August	12:30 to 01:30 pm

## Coffee breaks

The coffee breaks take place at the foyer and hallway of the School of Business and Economics next to the lecture halls on the ground floor. Coffee, tea, water and some snacks will be provided during these breaks.

## Pharmacy and cash machine

You will find a pharmacy at the Königin-Luise-Straße 38, 14195 Berlin called "Apotheke Dahlem-Dorf". The opening hours are from 08:30 am to 06:30 pm.

You will find three cash machines close to the conference location:

**"Sparkasse"** at Otto-von-Simson-Straße 26, 14195 Berlin (15 min. walk from the School of Business and Economics)

**"EuroNet"** at Königin-Luise-Straße 37A, 14195 Berlin (22 min. walk from the School of Business and Economics)

**"Deutsche Bank"** at Takustraße 39, 14195 Berlin (23 min. walk from the School of Business and Economics)

Please have a look on the maps at the end of the program to see where the pharmacy and the cash machines are located.

## Meet & Greet

We are particularly keen to encourage intellectual exchange between young and experienced researchers to support junior scientists in their career. Hence, at this year's EARLI SIG 5 conference we host an event called Meet & Greet: PhD students meet post-doc researchers or professors within their fields of interest.

In preparation for this event, junior researchers wrote extended abstracts and senior researchers provided written feedback to them. On Wednesday, 29th of August, dyads meet and discuss the research face-to-face. The event takes place in lecture hall no. 103 next to the coffee break area from 03:00 to 03:30 pm. Please notice that spontaneous or passive participation is not possible.

## Event Formats and Presentation Guidelines

The conference committee kindly asks presenters to respect the time limit for presentations. This will benefit the session and the conference dynamic. Your cooperation here is much appreciated.

### Symposium

A symposium consists of three to four individual contributions followed by a contribution discussing the previous ones. Each contribution has a time limit of 15 minutes (if four contributions) to 20 minutes (if three contributions). The symposium sessions are chaired.

As a presenter, please arrive 15 minutes before the start of your session to the assigned room (please check it in the conference program and use the map in the conference book to get there). An assistant will be at the assigned room to assist you. Basic presentation equipment (Laptop, beamer, presenter, microphone) is provided within the room. If you need other equipment, please provide it yourself. If you use a digital way to present your contribution, you should bring your presentation on a USB flash drive, as a PowerPoint (pptx) presentation. We strongly recommend that you save and bring a backup copy of the PowerPoint saved as a PDF.

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### Invited Symposium

We host two invited symposia. Both invited symposia consist of four single contributions and a guided discussion.

Thursday, 30th of August, 04:45 to 06:15 pm:  
*Educational partnerships in ECEC in a context of cultural diversity*  
(Chair: Martine Broekhuizen | Discussant: Tove Mogstad Slinde)

Friday, 31st of August, 09:30 to 11:00 am:

*Emotion knowledge, Emotion Regulation, and Development in Young Children*

(Chair: Antje von Suchodoletz | Discussant: Manfred Holodynski).

As a presenter, please arrive 15 minutes before the start of your session to the assigned room (please check it in the conference program and use the map in the conference book to get there). An assistant will be at the assigned room to assist you. Basic presentation equipment (Laptop, beamer, presenter, microphone) is provided within the room. If you need other equipment, please provide it yourself. If you use a digital way to present your contribution, you should bring your presentation on a USB flash drive, as a PowerPoint (pptx) presentation. We strongly recommend that you save and bring a backup copy of the PowerPoint saved as a PDF.

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### **Poster Sessions**

Posters are grouped conceptually into sessions of 4-6 posters. Please prepare your posters in size A0 (84,1 cm x 118,9 cm). The sessions will be chaired by another conference participant. The appointed chair will open the session with a short welcome and monitor the time during the session. Further activities of the chair are optional and can be discussed with the speakers. After the start of the poster session and the welcome by the chair, an opening will be held, where every participant will present her/his poster with a brief verbal presentation (max. 5 minutes), highlighting main findings. After these short presentations, everyone is invited to go around the posters and discuss with the respective speakers.

As a speaker, please arrive 15 minutes before the start of your session to the assigned room (check it on the conference program and use the map in the conference book to get there). An assistant will be at the assigned room to assist you.

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### **Single Paper Sessions**

Each single paper session consists of three to four presentations. The sessions will be chaired by another conference participant. The appointed chair will open the session with a short welcome and monitor the time during the session. Further activities of the chair are optional and can be discussed with the speakers. Individual presentations should not last for more than around 20 minutes (if four contributions) or around 25 minutes (if three contributions) including time for questions and answers.

As a speaker, please arrive 15 minutes before the start of your session to the assigned room (please check it in the conference program and use the map in the conference book to get there). An assistant will be at the assigned room to assist you. Basic presentation equipment (Laptop, beamer, presenter, microphone) is provided within the room. If you need other equipment, please provide it yourself. If you use a digital way to present your contribution, you should bring your presentation on a USB flash drive, as a PowerPoint (pptx) presentation. We strongly recommend that you save and bring a backup copy of the PowerPoint saved as a PDF.

## Invited Workshops

We host two invited workshops, which are the following:

Wednesday, 29th of August, 09:00 to 10:30 am:

*Publishing in English speaking Journals* by Katrin Arens

(German Institute for International Educational Research/DIPF)

Thursday, 30th of August, 09:00 to 10:00 am:

*Women in Science* by Mirjam Steffensky (Leibniz Institute of Science and Mathematics Education, IPN), Pauline Slot (Utrecht University) and C. Katharina Spieß (German Institute for Economic Research, DIW)

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## Keynote Lecture

In three noontime lectures, invited keynote speakers discuss the conference's topic from their research perspective. We are looking forward to listening to:



Wednesday, 29th of August, 11:30 am to 12:30 pm,  
Deborah Stipek (Stanford University, United States):

*Motivating math instruction for young children*

(Image Credit: Stanford University, Steve Castillo)



Thursday, 30th of August, 11:45 am to 12:45 pm,  
Andrew Manches (School of Education, University of  
Edinburgh, United Kingdom):

*Early STEM: The implications of Embodied Technologies*

(Image Credit: Julie Howden)



Friday, 31st of August, 11:30 am to 12:30 am,  
Lieselotte Ahnert (University of Vienna, Austria;  
Freie Universität Berlin, Germany):

*Early social-emotional and motivational mechanisms in  
young children's educational pathways.*

(Image Credit: Christian Thiel)

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## Panel Discussion

Iram Siraj chairs a panel debate discussion about Chances and risks of ICT in Early Childhood Education and Care with Janna Pahnke (Stiftung Haus der kleinen Forscher), Andrew Manches (School of Education, University of Edinburgh, United Kingdom), Jerry Andriesen (Wise & Munro, Netherlands), Klaus Fröhlich-Gildhoff (Evangelische Hochschule Freiburg). The panel discussion is on Thursday, 30th of August, 01:45 pm to 02:45 pm.

## Conference Program

Beer Garden 06:30-open end	Boat Trip 07:00-08:30	Conference Dinner 07:30-00:30
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## Wednesday, 29 August 2018

09:00	<b>Registration &amp; Coffee</b>	
09:00	<b>Invited Workshop</b> Publishing in English-speaking Journals	15
10:30	<b>Opening Session</b>	
11:30	<b>Keynote</b> Motivating Math Instruction for Young Children	15
12:30	<b>Lunch</b>	
01:30	<b>Session A</b> A1 - A5	16
03:00	<b>Coffee Break</b> (Meet & Greet)	
03:30	<b>Session B</b> B1 - B6	21
05:00	<b>SIG 5 Member Meeting</b>	
07:00	<b>Boat Trip</b>	

Invited Workshop

Wednesday  
09:00 - 10:30 am

School of Business &  
Economics, lecture hall 104

### **PUBLISHING IN ENGLISH-SPEAKING JOURNALS**

Katrin Arens, German Institute for International Educational Research / DIPF, Germany

Chair:

Katrin Wolf, Freie Universität Berlin, Germany

Keynote

Wednesday  
11:30 am - 12:30 pm

Henry-Ford-Building,  
lecture hall A

### **MOTIVATING MATH INSTRUCTION FOR YOUNG CHILDREN**

Deborah Stipek, Stanford University, United States

Chair:

Elisa Oppermann, Freie Universität Berlin, Germany

Session A1

Wednesday  
01:30 - 03:00 pm

School of Business &  
Economics, lecture hall 106

**SYMPOSIUM: INDIVIDUAL LANGUAGE SUPPORT IN  
HETEROGENEOUS CHILDREN'S GROUPS**

**Dyadic bookreading with preschool children of  
different stages of language development**

Christine Beckerle, Leibniz Universität Hannover, Germany; Julian Heil, Pädagogische Hochschule Weingarten, Germany; Katja Mackowiak, Leibniz Universität Hannover, Germany; Cordula Löffler, Pädagogische Hochschule Weingarten, Germany; Katja Koch, TU Braunschweig, Germany; Tina von Dapper-Saalfeld, TU Braunschweig, Germany

**Supporting children's language development through  
reflexive interaction during planned pretend play**

Gillian Lake, Dublin City University, Ireland

**Effects of a Dutch voluntary home-reading program on  
children's literacy skills, motivation and HLE**

Aike Senna Broens, Erasmus University Rotterdam, Netherlands

**Mediating language intervention through peers**

Ulla Licandro, University of Oldenburg, Germany

Chair:

Christine Beckerle, Leibniz Universität Hannover, Germany

Discussant:

Franziska Vogt, University of Teacher Education St.Gallen, Switzerland

Session A2

Wednesday  
01:30 - 03:00 pm

School of Business &  
Economics, lecture hall 103

## **SYMPOSIUM: FAMILY SUPPORT TO FOSTER EARLY CHILDHOOD DEVELOPMENT**

### **Effects of social background and learning environments on disparities in early scientific literacy**

Jana Kähler, Leibniz-Institute for Science and Mathematics Education, Germany; Inga Hahn, Leibniz Institute for Science and Mathematics Education (IPN), Germany; Katrin Schöps, Leibniz Institute for Science and Mathematics Education (IPN), Germany

### **The use and evaluation of family support services in disadvantaged groups across Europe**

Martine Broekhuizen, Utrecht University, Netherlands; Katharina Ereky-Stevens, Oxford University, United Kingdom; Thomas Moser, University College of Southeast Norway, Norway; Helga Norheim, University College of Southeast Norway, Norway

### **A meta-analysis on the relationship between time spent in childcare and social-emotional outcomes**

Katrin Wolf, Freie Universität Berlin, Germany; Hannah Ulferts, OECD Directorate for Education and Skills, France; Yvonne Anders, Freie Universität Berlin, Germany

### **Linking existing programs to foster early childhood development of disadvantaged children**

Kerstin Schütte, Leibniz Institute for Science and Mathematics Education (IPN), Germany; Olaf Koeller, Leibniz Institute for Science and Mathematics Education, Germany; BRISE group, Germany

Chair:

Kerstin Schütte, Leibniz Institute for Science and Mathematics Education (IPN), Germany

Discussant:

Joana Cadima, University of Porto, Portugal

Session A3

Wednesday  
01:30 - 03:00 pm

School of Business &  
Economics, lecture hall 107

**SYMPOSIUM: ON WORKING MECHANISMS OF EARLY  
INTERVENTIONS: DUTCH AND GERMAN PERSPECTIVES**

**Level of abstraction in parent-child interactions  
and early literacy: The role of activity and SES**

Sanneke de la Rie, Rotterdam University of Applied Sciences, Netherlands; Roel Van Steensel, Erasmus Universiteit Rotterdam, Netherlands; Amos van Gelderen, University of Amsterdam/Rotterdam University of Applied Sciences, Netherlands; Sabine Severiens, Erasmus University Rotterdam, Netherlands

**Quality of parent-child interactions and early literacy:  
the role of parental literacy beliefs**

Eke Krijnen, Erasmus University Rotterdam, Netherlands; Roel Van Steensel, Erasmus University Rotterdam, Netherlands; Marieke Meeuwisse, Erasmus University Rotterdam, Netherlands; Sabine Severiens, Erasmus University Rotterdam, Netherlands

**Longitudinal effects of different course-types on  
children's social-emotional and vocabulary skills**

Franziska Cohen, Freie Universität Berlin, Germany; Juliane Schünke, Freie Universität Berlin, Germany; Yvonne Anders, Freie Universität Berlin, Germany

Chair:

Sanneke de la Rie, Rotterdam University of Applied Sciences, Netherlands

Discussant:

Ruben Fukkink, Universiteit van Amsterdam, Amsterdam University of Applied Sciences, Netherlands

ANNOTATION:

THE PRESENTATION BY KIM GÄRTNER WITH THE TITLE "TRAINING PARENTAL SCAFFOLDING: HOW DO PARENTS OF FULL- AND PRETERM BORN TODDLERS BENEFIT?" WAS CANCELED AND THEREFORE REMOVED FROM THIS SESSION.

Session A4

Wednesday  
01:30 - 03:00 pm

School of Business &  
Economics, lecture hall 107

## **SYMPOSIUM: PAPILIO-PROGRAM IN PROMOTING SOCIAL-EMOTIONAL COMPETENCIES AND PREVENTING BEHAVIOR PROBLEMS**

### **“Papilio-3bis6” program in early childhood education in Finland**

Merja Koivula, University of Jyväskylä, Finland; Marja-Leena Laakso, University of Jyväskylä, Finland; Riitta Viitala, University of Jyväskylä, Finland; Marita Neitola, University of Turku, Department of Teacher Education, Rauma Unit, Finland

### **„Papilio-U3“ in promoting social-emotional competencies and attachment security of toddlers**

Niklas Ortelbach, Freie Universität Berlin, Germany; Jennifer Gerlach, Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU), Germany; Ina Bovenschen, Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU), Germany; Charlotte Peter, Papilio e.V., Augsburg, Germany; Herbert Scheithauer, Freie Universität Berlin, Germany

### **„Papilio-6bis9“: Fostering social-emotional learning, preventing behavior problems in primary school**

Viola Braun, Freie Universität Berlin, Germany; Charlotte Peter, Papilio e.V., Augsburg, Germany; Niklas Ortelbach, Freie Universität Berlin, Germany; Herbert Scheithauer, Freie Universität Berlin, Germany

Chair:

Merja Koivula, University of Jyväskylä, Finland

Discussant:

Claudia Hruska, Freie Universität Berlin, Germany

Session A5

Wednesday  
01:30 - 03:00 pm

School of Business &  
Economics, lecture hall 104

**SYMPOSIUM: TACKLING EDUCATIONAL INEQUALITIES THROUGH  
PROMISING AND EVIDENCE-BASED INTERVENTIONS AROUND EUROPE**

**Parent- and Family-Support Interventions: An Inventory  
of Promising and evidence-based programmes in 7 European countries**

Gil Nata, University of Porto, Portugal; Maria Evangelou, University of Oxford, United Kingdom; Joana Cadima, University of Porto, Portugal; Yvonne Anders, Freie Universität Berlin, Germany

**An inventory of curriculum, pedagogy, and social  
climate interventions in 8 European countries**

Cecília Aguiar, ISCTE-Instituto Universitário de Lisboa, Portugal; Carla Silva, ISCTE-Instituto Universitário de Lisboa, Portugal; Rita Guerra, ISCTE-Instituto Universitário de Lisboa, Portugal; Giulia Pastori, University of Milano-Bicocca, Italy

**Professional development aimed at cultural/linguistic  
diversity: inventory in 10 European countries**

Pauline Slot, Utrecht University, Netherlands; Bodine Romijn, Utrecht University, Netherlands; Olga Wysłowska, Faculty of Education, University of Warsaw, Poland

Chair:

Paul Leseman, Utrecht University, Netherlands

Organisers:

Joana Cadima, University of Porto, Portugal; Paul Leseman, Utrecht University, Netherlands

Discussant:

Tove Mogstad Slinde, Ministry of Education and Research Norway, Norway

Session B1

Wednesday  
03:30 - 05:00 pm

School of Business &  
Economics, lecture hall 106

## **SINGLE PAPER: PRESCHOOL QUALITY AND TEACHER-CHILD-INTERACTIONS**

### **Does cultural diversity affect interaction quality in German preschool classrooms?**

Heike Wadepohl, Leibniz University Hanover, Germany; Katja Mackowiak, Institute for Special Education,  
Germany

### **Teacher stress, work engagement and the quality of teacher-child interactions in preschool**

Viola Penttinen, University of Jyväskylä, Finland; Eija Pakarinen, New York University Abu Dhabi/University of  
Jyväskylä, Finland; Marja-Kristiina Lerkkanen, University of Jyväskylä, Finland

### **Illuminating the environmental aspects of early learning in Kenya**

Tabitha Wangeri, Kenyatta University, Kenya

Chair:

Sanneke de la Rie, Rotterdam University of Applied Sciences, Netherlands

ANNOTATION:

THE PRESENTATION BY FRAUKE HILDEBRANDT WITH THE TITLE "MODAL MARKERS AND SHARED THINKING  
IN EARLY EDUCATION" WAS CANCELED AND THEREFORE REMOVED FROM THIS SESSION.

Session B2

Wednesday  
03:30 - 05:00 pm

Henry Ford Building,  
lecture hall A

## **SINGLE PAPER: PRESCHOOL QUALITY AND PROCESS QUALITY**

### **The relationship between structural factors and interaction quality in Norwegian ECEC for toddlers.**

Ingrid Midteide Løkken, University College of Southeast Norway, Norway; Elisabeth Bjørnstad, Oslo Metropolitan University, Norway; Martine Broekhuizen, Utrecht University, Netherlands; Thomas Moser, University College of Southeast Norway, Norway

### **Classroom quality, activity setting and children's engagement in inclusive preschools**

Vera Coelho, Porto University, Portugal; Joana Cadima, University of Porto, Portugal; Ana Isabel Mota e Costa Pinto, University of Porto- Portugal, Portugal

### **Designing Preschool Physical Learning Environments – The Children's Voice**

Netta Perry, Bar Ilan University, Israel; Esther Adi-Japha, Bar-Ilan University, Israel; Ornit Spektor-Levy, Bar-Ilan University, Israel

### **Organizational hybridity and diversity, inclusion, and pedagogical quality in Dutch ECEC**

Willeke van der Werf, Utrecht University, Netherlands; Paul Leseman, Utrecht University, Netherlands; Pauline Slot, Utrecht University, Netherlands; Patrick Kenis, Tilburg University, Netherlands

Chair:

Andrea G. Eckhardt, Hochschule Zittau/Görlitz-University of Applied Sciences, Germany

Session B3

Wednesday  
03:30 - 05:00 pm

School of Business &  
Economics, lecture hall 103

## **SINGLE PAPER: SOCIAL-EMOTIONAL COMPETENCIES AND SOCIAL INTERACTION**

### **Toddler's engagement and their development of self-regulation**

Teresa Aguiar, Faculty of Psychology and Educational Sciences, University of Porto, Portugal;  
Carolina Guedes, Faculty of Psychology and Educational Sciences, University of Porto, Portugal;  
Joana Cadima, University of Porto, Portugal

### **Positive effects of early child care on socio-emotional outcomes**

Anja Linberg, Leibniz Institute for Educational Trajectories, Germany; Lars Burghardt, University of Bamberg, Germany; Jan-David Freund, University of Bamberg, Germany; Sabine Weinert, University of Bamberg, Germany

### **Exploration of indoor playspace in center-based childcare during unguided free play time**

Ine van Liempd, Utrecht University, Netherlands; Ora Oudgenoeg-Paz, Utrecht University, Netherlands; Paul Leseman, Utrecht University, Netherlands

### **Pre-school children's multimodal communicative resources in socially shared science inquiry**

Jenni Vartiainen, University of Helsinki, Finland; Kristiina Kumpulainen, University of Helsinki, Finland

Chair:

Claudia Wirts, State Institute of Early Childhood Research, Germany

Session B4

Wednesday  
03:30 - 05:00 pm

School of Business &  
Economics, lecture hall 102

## **SINGLE PAPER: EMOTIONAL AND COGNITIVE DEVELOPMENT**

### **School entry prediction of poor reading by the end of Grade 1 - a Finnish-Norwegian comparison**

Oddny Judith Solheim, The Norwegian Reading Centre, Norway; Minna Torppa, University of Jyväskylä, Finland; Per Henning Uppstad, Centre for Reading Education and Research, Norway; Marja-Kristiina Lerkkanen, University of Jyväskylä, Finland

### **Heterogeneity in affective reactivity in children: Testing the differential susceptibility theory.**

Andrea Kramer, German Institute for International Educational Research (DIPF); IDeA-Research Center, Germany; Andreas Neubauer, German Institute for International Educational Research (DIPF); IDeA-Research Center, Germany; Anja Leonhardt, Zentralinstitut für Seelische Gesundheit (ZI), Mannheim, Germany; Judith Dirk, German Institute for International Educational Research (DIPF); IDeA-Research Center, Germany; Florian Schmiedek, German Institute for International Educational Research (DIPF); IDeA-Research Center; Goethe University Frankfurt, Germany

### **A Revised Cross-Lagged Model for Leisure Reading and Reading Skills from Grade 1 to Grade 9**

Minna Torppa, University of Jyväskylä, Finland; Pekka Niemi, University of Turku, Finland; Kati Vasalampi, University of Jyväskylä, Finland; Asko Tolvanen, University of Jyväskylä, Finland; Marja-Kristiina Lerkkanen, University of Jyväskylä, Finland; Anna-Maija Poikkeus, University of Jyväskylä, Finland

Chair:

Annerieke Boland, Netherlands, Hogeschool iPabo Amsterdam, University of Applied Sciences, Netherlands

ANNOTATION:

THE PRESENTATION BY KAROLINE MIKUS WITH THE TITLE "TIME OUTSIDE PRESCHOOL: THE INFLUENCE OF ORGANIZED LEISURE ON CHILDREN'S ACADEMIC COMPETENCIES" WAS CANCELED AND THEREFORE REMOVED FROM THIS SESSION.

Session B5

Wednesday  
03:30 - 05:00 pm

School of Business &  
Economics, lecture hall 107

**SINGLE PAPER: SOCIAL-EMOTIONAL DEVELOPMENT AND PARENTAL INVOLVEMENT**

**Repeated parent-child shared book reading and  
preschoolers' socio-emotional competence**

Rotem Schapira, Levinsky College of Education and Tel Aviv university, Israel; Dorit Aram, Tel Aviv University, Israel; Margalit Ziv, Kibbutzim College of Education, Israel

**Evaluating a parent app promoting play at home: a clustered RCT study**

Kathy Sylva, University of Oxford, United Kingdom; Fiona Jelley, University of Oxford, United Kingdom

**Impact of education goals and ECEC quality on the  
judgement of early social-emotional development**

Claudia Hruska, Freie Universität Berlin, Germany; Gerlind Grosse, Early Childhood Education Research, Germany

Chair:

Thilo Schmidt, Universität Koblenz-Landau, Campus Landau, Germany

**ANNOTATION:**

THE PRESENTATION BY JANNE SOLBERG WITH THE TITLE "BRIDGING ACTIONS? THE ROLE OF THE BILINGUAL ASSISTANT IN THE TEACHER-PARENT CONFERENCE" WAS CANCELED AND THEREFORE REMOVED FROM THIS SESSION.

Session B6

Wednesday  
03:30 - 05:00 pm

School of Business &  
Economics, lecture hall 104

**POSTER PRESENTATION: SCIENCE AND LANGUAGE  
EDUCATION, AND PRESCHOOL TEACHER'S JOB STRESS**

**Preschool head teachers' occupational stress and job satisfaction**

Mailis Elomaa, University of Jyväskylä, Finland; Eija Pakarinen, New York University Abu Dhabi/University of Jyväskylä, Finland; Sirpa Eskelä-Haapanen, University of Jyväskylä, Finland; Leena Halttunen, University of Jyväskylä, Finland; Marja-Kristiina Lerkkanen, University of Jyväskylä, Finland

**Fact and fiction when using non-fiction books to learn about evolution**

Anna Backman, University of Gothenburg, Sweden

**Effect of inquiry- and context-based science activities  
on preschoolers' conceptual understanding**

Pamela Flores, Ludwig-Maximilians-University Munich, Germany; Lucia Kohlhauf, LMU Munich, Germany; Janina Klemm, LMU Munich, Germany; Birgit J. Neuhaus, LMU Munich, Germany

**Quality of Teacher-Child Interactions and Linguistic  
Responsivity in Toddler Classrooms in Germany**

Verena Dederer, Staat Institute for Early Education Research IFP Bayern, Germany; Franziska Egert, State Institute of Early Childhood Research (IFP Bayern), Germany; Julia Quehenberger, Staat Institute for Early Education Research IFP Bayern, Germany; Anne-Kristin Cordes, State Institute of Early Childhood Research (IFP Bayern), Germany

**Embodied knowledge's impact on volition during technology play**

Kristina Thorshag, Malmö University/University of Gothenburg, Sweden

**Preschool children's discernment of different forms of numbers**

Maria Alkhede, Malmö University, Sweden; Mona Holmqvist, Malmö University, Sweden

Chair:

Rianne van den Berghe, Utrecht University, Netherlands

## Thursday, 30 August 2018

09:00	<b>Invited Workshop</b> Women in Science	28
09:30	<b>Coffee Break</b>	
10:00	<b>Session C</b> C1 - C6	29
11:30	<b>Short Break</b>	
11:45	<b>Keynote</b> Early STEM: The Implications of Embodied Technologies	35
12:45	<b>Lunch</b>	
01:45	<b>Discussion Panel</b> Chances and risks of ICT in Early Childhood Education and Care	35
02:45	<b>Short Coffee Break</b>	
03:00	<b>Session D</b> D1 - D6	36
04:30	<b>Short Coffee Break</b>	
04:45	<b>Session E</b> E1 - E6	42
07:30	<b>Conference Dinner</b>	

Invited Workshop

Thursday  
09:00 - 10:00 am

School of Business &  
Economics, lecture hall 104

### **WOMEN IN SCIENCE**

Mirjam Steffensky, Leibniz Institute of Science and Mathematics Education (IPN), Germany; Pauline Slot, Utrecht University, Netherlands; C. Katharina Spieß, German Institute for Economic Research (DIW), Germany

Chair:

Mareike Trauernicht, Freie Universität Berlin, Germany

Session C1

Thursday  
10:00 - 11:30 am

School of Business &  
Economics, lecture hall 102

## **SINGLE PAPER: EARLY MATHEMATICS EDUCATION**

### **Spontaneous focusing on Arabic number symbols in relation to early mathematical competencies**

Sanne Rathé, KU Leuven, Belgium; Joke Torbeyns, KU Leuven, Belgium; Bert De Smedt, KU Leuven-  
University of Leuven, Belgium; Lieven Verschaffel, KU Leuven, Belgium

### **Four-year olds' patterning understanding: Repeating and growing patterns**

Nore Wijns, KU Leuven, Belgium; Joke Torbeyns, KU Leuven, Belgium; Merel Bakker, KU LEUVEN, Belgium;  
Bert De Smedt, KU Leuven- University of Leuven, Belgium; Lieven Verschaffel, KU LEUVEN, Belgium

### **Gender and early math: unfolding the role of early numeracy skills across the kindergarten years**

David Munez, National Institute of Education / Nanyang Technological University, Singapore; Rebecca Bull,  
National Institute of Education/Nanyang Technological University, Singapore, Singapore; Kerry Lee, The  
Education University of Hong Kong, Hong Kong

### **The influence of language competencies on mathematical skill development at the beginning of school**

Antje Ehler, University of Potsdam / University of Johannesburg, Germany; Annemarie Fritz-Stratmann,  
University of Duisburg-Essen, Germany

Chair:

Sanneke de la Rie, Rotterdam University of Applied Sciences, Netherlands

Session C2

Thursday  
10:00 - 11:30 am

School of Business &  
Economics, lecture hall 103

## **SINGLE PAPER: TEACHERS' BELIEFS AND TEACHER-CHILD INTERACTIONS**

### **Associations and gender differences among emotional support, self-concept and reading achievement**

Maria Therese Jensen, The Norwegian Reading Centre, Norway; Oddny Judith Solheim, The Norwegian Reading Centre, Norway

### **Pre-Service Special Education Teachers' Discourse during Shared Reading**

Yael Roth-Barkai, Tel-Aviv University, Israel; Dorit Aram, Tel Aviv University, Israel

### **Are child-care experiences associated with 2- and 4-year-olds' empathetic concern for others?**

Daniel Schmerse, Leibniz Institute for Science and Mathematics Education, Germany

### **Cognitive Activating Dialogues to co-construct Scientific Reasoning in Early Science Classrooms**

Ines Freitag-Amtmann, Freie Universität Berlin, Germany

Chair:

Rianne van den Berghe, Utrecht University, Netherlands

Session C3

Thursday  
10:00 - 11:30 am

School of Business &  
Economics, lecture hall 104

## **SINGLE PAPER: EARLY SCIENCE AND LANGUAGE EDUCATION IN DIVERSE CONTEXTS**

### **The contribution of professional development and professional exchange for early science education**

Julia Barenthien, Leibniz Institute for Science and Mathematics Education at Kiel University, Germany; Elisa Oppermann, Freie Universität Berlin, Germany; Mirjam Steffensky, Leibniz Institute of Science and Mathematics Education (IPN), Germany; Yvonne Anders, Freie Universität Berlin, Germany

### **Fostering early language skills: Comparing ECEC settings with varying governmental financial support**

Kristine Blatter, German Youth Institute, Germany; Veronika Eichmann, German Youth Institute, Germany; Katarina Groth, German Youth Institute, Germany; Margarita Stolarova, German Youth Institute, Germany

### **Waiting for word learning in special language education groups**

Marike Kempen, Utrecht University AND Royal Dutch Auris Group (Rotterdam), Netherlands; Maartje Kouwenberg, Dutch Royal Auris Group, Netherlands; Connie Fortgens, Dutch Royal Auris Group, Netherlands; Paul Leseman, Utrecht University, Netherlands

### **Classroom practices and curricular resources in teaching early mathematical knowledge**

Inés Rodríguez, University of Salamanca, Spain; Jorge Martín, University of Salamanca, Spain; Elena Ramirez, University of Salamanca, Spain; Inmaculada Martín, University of Salamanca, Spain

Chair:

Bodine Romijn, Utrecht University, Netherlands

ANNOTATION:

THE PRESENTATION BY MELANIE KUBANDT WITH THE TITLE "AFFIRMATION VS. CRITICISM OF POWER?! FUTURE CHALLENGES FOR GENDER PERSPECTIVES IN EARLY CHILDHOOD" WAS CANCELED AND THEREFORE REMOVED FROM THIS SESSION.

Session C4

Thursday  
10:00 - 11:30 am

School of Business &  
Economics, lecture hall 106

## **SINGLE PAPER: INSTRUCTIONAL PRACTICES AND LITERACY**

### **Young Children's Perspectives on Why They Like and Dislike Specific Learning Centers**

Hsueh-Jung Liu, National University of Tainan, Taiwan, Taiwan

### **First Grade Reading Skill and Motivation Dynamics**

Bente R. Walgermo, Centre of Reading Education and Research, Norway; Njål Foldnes, BI, Norwegian Business School, Norway; Per Henning Upstad, Centre of Reading Education and Research, Norway; Oddny Judith Solheim, Centre of Reading Education and Research, Norway

### **The roles of metacognitive knowledge, vocabulary and task orientation in narrative comprehension**

Janne Lepola, University of Turku, Finland; Anu Kajamies, University of Turku, Finland; Eero Laakkonen, University of Turku, Finland; Pekka Niemi, University of Turku, Finland

Chair:

Katharina Kluczniok, Otto-Friedrich-University of Bamberg, Germany

ANNOTATION:

THE PRESENTATION BY PAULINA PIZZARO WITH THE TITLE "VOCABULARY INSTRUCTION PRACTICES AND ITS RELATIONSHIP WITH THE VOCABULARY OF PREKINDER CHILDREN" WAS CANCELED AND THEREFORE REMOVED FROM THIS SESSION.

Session C5

Thursday  
10:00 - 11:30 am

Henry Ford Building,  
lecture hall A

**POSTER PRESENTATION: QUALITY OF EARLY CHILDHOOD  
EDUCATION, SCIENCE EDUCATION, AND CHILDREN'S PLAY**

**Developing Educational Support in STEM- play scenario's in first grade**

Mariska Venema, Windesheim Flevoland University of Applied Science, Netherlands; Conny Boendermaker, Windesheim Flevoland University of Applied Science, Netherlands; Hanno Van Keulen, Windesheim Flevoland University of Applied Science, Unknown

**Coding in the Crib: Changing trends in children's  
exposure to computer coding concepts**

Sarah Gerson, Cardiff University, United Kingdom; Richard Morey, Cardiff University, United Kingdom; Johanna van Schaik, Donders Institute, Radboud University, Netherlands

**Participation and quality in ECEC: A multi-method approach**

Nadine Correia, University Institute of Lisbon (ISCTE- IUL), Portugal; Carla Silva, ISCTE –Instituto Universitário de Lisboa, CIS-IUL, Lisbon, Portugal, Portugal; Margarida Fialho, ISCTE –Instituto Universitário de Lisboa, CIS-IUL, Lisbon, Portugal, Portugal; Cecília Aguiar, ISCTE –Instituto Universitário de Lisboa, CIS-IUL, Lisbon, Portugal, Portugal; Helena Carvalho, ISCTE –Instituto Universitário de Lisboa, CIES-IUL, Lisbon, Portugal, Portugal

**Promoting children's pretend play: Is providing role play material enough?**

Isabelle Kalkusch, University of Konstanz (Germany) and Thurgau University of Teacher Education (Switzerland), Switzerland; Ann-Kathrin Jaggy, University of Teacher Education Thurgau, University of Konstanz, Switzerland; Sonja Perren, University of Konstanz, Germany; Carine Burkhardt Bossi, Thurgau University of Teacher Education, Switzerland; Barbara Weiss, Thurgau University of Teacher Education, Switzerland; Fabio Sticca, Marie Meierhofer Institut für das Kind, Switzerland

Chair:

Timo Reuter, University of Koblenz-Landau, Germany

ANNOTATION:

THE PRESENTATION BY GIULIA TASQUIER WITH THE TITLE "ENGAGING PRE-SERVICE PRIMARY TEACHERS IN SCIENCE THROUGH CLIMATE CHANGE" WAS CANCELED AND THEREFORE REMOVED FROM THIS SESSION.

Session C6

Thursday  
10:00 - 11:30 am

School of Business &  
Economics, lecture hall 107

## **SINGLE PAPER: MOTOR AND COGNITIVE DEVELOPMENT**

### **A Bridge Over Troubled Water: Tracing Indications of Early Engineering among Preschoolers**

Ornit Spektor-Levy, Bar-Ilan University, Israel; Taly Shechter, Da-Gan Center The National Teacher Center for the Advancement of Scientific, Technological and Mathematical Education in Preschool, Israel; Sigal Eden, Bar-Ilan University, Israel

### **Learning from peers and adults – When do toddlers use age as a proxy for informativeness?**

Gregor Kachel, FH Potsdam, Germany; Robert Hepach, LFE, Germany; Richard Moore, School of Mind and Brain, Humboldt Universität zu Berlin, Germany; Michael Tomasello, Duke University, NC, United States

### **Parental practices regarding motor development in Israel and the Netherlands**

Ora Oudgenoeg-Paz, Utrecht University, Netherlands; Osnat Atun-Einy, Haifa University, Israel; Saskia van Schaik, Utrecht University, Netherlands

### **Parental beliefs of preterm born infants about motor development in the Netherlands and Israel**

Ora Oudgenoeg-Paz, Utrecht University, Netherlands; Saskia van Schaik, Utrecht University, Netherlands; Osnat Atun-Einy, University of Haifa, Israel

Chair:

Anita Díaz Suárez, Pontificia Universidad Católica de Chile, Chile

Keynote

Thursday  
11:45 am - 12:45 pm

Henry Ford Building,  
lecture hall A

### **EARLY STEM: THE IMPLICATIONS OF EMBODIED TECHNOLOGIES**

Andrew Manches, School of Education, University of Edinburgh, United Kingdom

Chair:

Franziska Cohen, Freie Universität Berlin, Germany

Discussion Panel

Thursday  
01:45 - 02:45 pm

Henry Ford Building,  
lecture hall A

### **CHANCES AND RISKS OF ICT IN EARLY CHILDHOOD EDUCATION AND CARE**

Janna Pahnke, Stiftung Haus der kleinen Forscher, Germany; Andrew Manches, School of Education, University of Edinburgh, United Kingdom; Jerry Andriessen, Wise & Munro, Netherlands; Klaus Fröhlich-Gildhoff, Evangelische Hochschule Freiburg, Germany

Chair:

Iram Siraj, University of Oxford, United Kingdom

Session D1	Thursday 03:00 - 04:30 pm	School of Business & Economics, lecture hall 104
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## SINGLE PAPER: EARLY MATHEMATICS EDUCATION AND COGNITIVE DEVELOPMENT

### ANNOTATIONS:

Due to several cancellations, the single paper session with the title "Early mathematics education and cognitive development" was cancelled.

Please note that **the presentation by Inés Rodríguez** with the title "Classroom practices and curricular resources in teaching early mathematical knowledge" has been **moved to** the single paper **session C3**.

THE PRESENTATION BY ZEMIRA MEVARECH WITH THE TITLE "METACOGNITIVE INTERVENTION IN THE KINDERGARTEN: THE WHAT, THE HOW AND THE LEARNING OUTCOMES" WAS CANCELED AND THEREFORE REMOVED FROM THIS SESSION.

THE PRESENTATION BY ESTHER BRUNNER WITH THE TITLE "DEVELOPMENT OF MATHEMATICAL REASONING IN EARLY MATHEMATICS EDUCATION" WAS CANCELED AND THEREFORE REMOVED FROM THIS SESSION.

THE PRESENTATION BY ELIZABETH SEECO WITH THE TITLE "TEACHERS' VIEWS ABOUT THE USE OF MOTHER-TONGUE IN TEACHING EARLY CHILDHOOD EDUCATION IN BOTSWANA" WAS CANCELED AND THEREFORE REMOVED FROM THIS SESSION.

Session D2

Thursday  
03:00 - 04:30 pm

School of Business &  
Economics, lecture hall 107

## **SINGLE PAPER: PROFESSIONAL DEVELOPMENT AND ICT IN PRESCHOOL**

### **Fostering Effective Early Learning through Evidence based Professional Development**

Iram Siraj, University of Oxford, United Kingdom; Denise Kingston, Sussex University, United Kingdom

### **Raising Early Achievement in Maths with Interactive Apps: A Randomised Control Trial**

Laura Outhwaite, University of Nottingham, United Kingdom; Marc Faulder, Burton Joyce Primary School, United Kingdom; Anthea Gulliford, University of Nottingham, United Kingdom; Nicola Pitchford, University of Nottingham, United Kingdom

### **Promoting early literacy in Hebrew using a computerized writing game**

Dorit Aram, Tel Aviv University, Israel; Adi Elimelech, Tel Aviv University, Israel

### **Pre-school quality improvement and identifying effective elements of Professional Development.**

Denise Kingston, University of Sussex, United Kingdom; Iram Siraj, University of Oxford, United Kingdom

Chair:

Mailis Elomaa, University of Jyväskylä, Finland

Session D3

Thursday  
03:00 - 04:30 pm

School of Business &  
Economics, lecture hall 103

### **SINGLE PAPER: SOCIAL INTERACTION AND STEM EDUCATION**

#### **Observing children's interactions in preschool:**

##### **Findings from an empirical study using the inCLASS.**

Katharina Kluczniok, Otto-Friedrich-University of Bamberg, Germany; Magdalena Riedmeier, Universität Koblenz-Landau, Campus Landau, Germany; Thilo Schmidt, Universität Koblenz-Landau, Campus Landau, Germany

#### **The relation between neuropsychological tests and programming skills in young children**

Corrie Urlings, Maastricht University, Netherlands; Karien Coppens, Maastricht University, Netherlands; Lex Borghans, Maastricht University, Netherlands

#### **Quality of Early Mathematics Education in an International Comparison – Austria and Switzerland**

Lars Eichen, Karl-Franzens-Universität Graz, Austria; Karoline Rettenbacher, Karl-Franzens-Universität Graz, Austria; Mailina Petritsch, Karl-Franzens-Universität Graz, Austria; Manfred Pfiffner, Pädagogische Hochschule Zürich, Switzerland; Catherine Walter-Laager, Karl-Franzens-Universität Graz, Austria

#### **Initial psychometric properties of the Science Learning Assessment (SLA) in Greek ECE**

Vasilis Grammatikopoulos, University of Crete, Greece; Nikolaos Tsigilis, Aristotle University of Thessaloniki, Greece; Athanasios Gregoriadis, Aristotle University of Thessaloniki, Greece; Michalis Linardakis, University of Crete, Greece

Chair:

Kathy Sylva, University of Oxford, United Kingdom

Session D4

Thursday  
03:00 - 04:30 pm

Henry Ford Building,  
lecture hall A

## **POSTER PRESENTATION: CHILDREN'S COGNITIVE DEVELOPMENT DURING PRESCHOOL YEARS**

### **Preschoolers' abilities in context-free Control of Variables Strategy**

April Moeller, Ludwig-Maximilians-Universität München, Germany; Beate Sodan, Ludwig-Maximilians-Universität (LMU), Germany

### **Effects of music and math training on mathematical and working memory performances**

Ingo Roden, Carl von Ossietzky University Oldenburg, Germany; Silja Mansholt, Carl von Ossietzky Universität Oldenburg, Germany; Gunter Kreutz, Carl von Ossietzky Universität Oldenburg, Germany; Juliane Schlesier, Carl von Ossietzky Universität Oldenburg, Germany; Dietmar Grube, University of Oldenburg, Germany

### **Exploring the relation between the acquisition of words for objects and for numbers at 30 months**

Antje Ehler, University of Potsdam, Germany; Flavia Adani, University of Potsdam, Germany; Tom Fritzsche, University of Potsdam, Germany

### **Latent Structure of Executive Functions in Preschoolers**

Melanie Otto, ZNL TransferCentre of Neuroscience and Learning, University of Ulm, Germany; Carmen Deffner, TransferZentrum für Neurowissenschaften und Lernen ZNL, Germany; Laura Walk, ZNL Transfer Center for Neuroscience and Learning, Germany; Petra Arndt, ZNL Transfer Center for Neuroscience and Learning, Germany

### **Securing young minds from Violence through ECE Intervention - a case of conflicted area of Pakistan**

Salima Sewani, Chand Tarey Academy, Pakistan

Chair:

Ines Freitag-Amtmann, Freie Universität Berlin, Germany

#### **ANNOTATION:**

THE PRESENTATION BY AGATA RODZIEWICZ WITH THE TITLE "COMPARISON BETWEEN COGNITIVE FUNCTIONING OF CHILDREN ATTENDING MUSICAL AND NONMUSICAL SCHOOL" WAS CANCELED AND THEREFORE REMOVED FROM THIS SESSION.

Session D5

Thursday  
03:00 - 04:30 pm

School of Business &  
Economics, lecture hall 102

## **POSTER PRESENTATION: QUALITY OF ECEC AND COGNITIVE DEVELOPMENT**

### **Teachers' beliefs about the emotion regulation of boredom and anger in primary school children**

Juliane Schlesier, University of Oldenburg, Germany; Barbara Moschner, Carl von Ossietzky Universität Oldenburg, Germany; Ingo Roden, Carl von Ossietzky University Oldenburg, Germany

### **Teacher-child-interactions and their relationship to children's explorative behaviour**

Karoline Lohse, University of Potsdam, Germany; Caroline Wronski, University of Applied Sciences Potsdam, Germany; Frauke Hildebrandt, University of Applied Sciences Potsdam, Germany

### **Children's explanations and justifications of intentional behaviour**

Ramiro Glauer, University of Applied Sciences Potsdam, Germany; Andrea Hildebrandt, University Greifswald, Germany; Frauke Hildebrandt, University of Applied Sciences Potsdam, Germany

### **Pragmatic Language and Social Skills in the first two years of school**

Silvana Mareva, University of Cambridge, United Kingdom; Elian Fink, University of Cambridge, UK, United Kingdom; Jenny Gibson, University of Cambridge, United Kingdom

### **Longitudinal relations between quality of pretend play and linguistic competence in early childhood**

Hannah Sand, University of Konstanz, Germany, Thurgau University of Teacher Education, Switzerland

Chair:

Sanne Rathé, KU LEUVEN, Belgium

ANNOTATION:

THE PRESENTATION BY ANITA DÍAZ SUÁREZ WITH THE TITLE "HOME AND DAYCARE QUALITY INDEX: A PROPOSAL FOR ALL THE CHILD DEVELOPMENT ENVIRONMENTS" WAS CANCELED AND THEREFORE REMOVED FROM THIS SESSION.

Session D6

Thursday  
03:00 - 04:30 pm

School of Business &  
Economics, lecture hall 106

**SYMPOSIUM: THE EFFECTIVENESS OF DIFFERENT TYPES OF  
PROFESSIONAL DEVELOPMENT ON CLASSROOM QUALITY**

**Effects of the CIP-Training on Caregiver–Child**

**Interactions in Dutch Child Care Centers: An RCT-study**

Katrien Helmerhorst, Erasmus University Rotterdam, Netherlands; J. Marianne A. Risken-Walraven, Radboud University Rotterdam, Behavioural Science Institute, Netherlands; Ruben Fukkink, Universiteit van Amsterdam, Netherlands; Louis Tavecchio, Universiteit of Amsterdam, Netherlands; Mirjam J. J. M. Gevers Deynoot-Schaub, Kohnstamm Institute Amsterdam, Netherlands

**Effects of a web-based video feedback intervention  
on language-modeling of educators in Germany**

Nesiré Schauland, State Institute of Early Childhood Research, Germany

**Improving ECEC quality in Québec:**

**Results from an on-site coaching program**

Christa Japel, Université du Québec à Montréal, Canada; France Capuano, Université du Québec à Montréal (UQAM), Canada

**Training effects on classroom organization,  
emotional and instructional support. A meta-analysis**

Franziska Egert, State Institute of Early Childhood Research (IFP Bayern), Germany

Chair:

Franziska Egert, State Institute of Early Childhood Research (IFP Bayern), Germany

Discussant:

Ruben Fukkink, Universiteit van Amsterdam, Amsterdam University of Applied Sciences, Netherlands

Session E1

Thursday  
04:45 - 06:15 pm

School of Business &  
Economics, lecture hall 103

**SYMPOSIUM: CONTRIBUTIONS OF SELF-REGULATION TO ACADEMIC  
ACHIEVEMENT IN ELEMENTARY STUDENTS ACROSS EUROPE**

**The Role of Attentional and Behavioral Control  
in Early Literacy and Numeracy Development**

Dieuwer ten Braak, University of Stavanger, Norway; Tijs Kleemans, Radboud University Nijmegen, Netherlands;  
Ingunn Storksen, University of Stavanger, Norway; Ludo Verhoeven, Radboud University Nijmegen, Netherlands; Eliane Seegers, Radboud University, Netherlands

**The influence of executive functioning on academic  
achievement among elementary school students**

Fitim Uka, University of Freiburg, Germany; Antje von Suchodoletz, New York University Abu Dhabi, United Arab Emirates

**Contribution of Executive Functions and Self-Control  
to Mathematics Performance in Third Graders**

Catherine Gunzenhauser, Leipzig University, Germany; Henrik Saalbach, University of Leipzig, Germany

Chair:

Catherine Gunzenhauser, Leipzig University, Germany

Discussant:

Joana Cadima, University of Porto, Portugal

**ANNOTATION:**

THIS IS THE SECOND PART OF TWO SYMPOSIA THAT BELONG TOGETHER AND ADDRESS SELF-REGULATION IN DIFFERENT AGES: (1) IN PRESCHOOL AND (2) IN ELEMENTARY SCHOOL. THE FIRST SYMPOSIUM IS TITLED "SELF-REGULATION AND PRE-ACADEMIC SKILLS IN PRESCHOOL CHILDREN ACROSS EUROPE".

Session E2

Thursday  
04:45 - 06:15 pm

School of Business &  
Economics, lecture hall 107

## **SYMPOSIUM: PLAY-BASED DIDACTICS IN EARLY CHILDHOOD EDUCATION**

### **Play-based teaching in preschool**

Ingrid Pramling-Samuelsson, University of Gothenburg, Sweden; Hanna Palmér, Linnaeus University, Sweden;  
Maria Magnusson, Linnaeus University Department of Education and Teachers' Practice, Sweden

### **Teachers' mediation during free play as a lever for pupils' learning**

Anne Clerc-Georgy, University of Teacher Education du canton de Vaud, Switzerland; Marie-Laure Michel,  
HEP Vaud (Higher School of Teacher Training, Lausanne, Switzerland), Switzerland

### **Thinking Play and Learning dialectically**

Béatrice Maire Sardi, HEPL, Switzerland; Daniel Martin, University of Teacher Education, State of Vaud, Switzerland

Chair:

Ingrid Pramling-Samuelsson, University of Gothenburg, Sweden

Discussant:

Mona Holmqvist, Malmö University, Sweden

Session E3

Thursday  
04:45 - 06:15 pm

School of Business &  
Economics, lecture hall 106

**SYMPOSIUM: LET'S PLAY TOGETHER! THE ROLE OF PRETEND  
PLAY FOR CHILDREN'S SOCIAL-EMOTIONAL AND LANGUAGE SKILLS**

**An Evaluation of a Fairytale-Based Play Intervention  
for Socio-Emotional Competences in Preschoolers**

Manfred Holodynski, University of Münster, Germany; Dorothee Seeger, University of Münster, Germany;  
Sophia Herrmann, University of Münster, Germany

**The impact of social pretend play on pre-schooler's  
emotional, social-cognitive and social skills**

Ann-Kathrin Jaggy, University of Teacher Education Thurgau, University of Konstanz, Switzerland; Isabelle Kalkusch, Thurgau University of Teacher Education, Switzerland; Carine Burkhardt Bossi, Thurgau University of Teacher Education, Switzerland; Barbara Weiss, Thurgau University of Teacher Education, Switzerland; Fabio Sticca, Marie Meierhofer Institute for the Child, Switzerland; Sonja Perren, University of Konstanz, Germany

Chair:

Sonja Perren, University of Konstanz, Germany

Discussant:

Lieselotte Ahnert, University of Vienna, Austria, Freie Universität Berlin, Germany

ANNOTATION:

THE PRESENTATION BY JENNY GIBSON WITH THE TITLE "ASSOCIATIONS BETWEEN STRUCTURAL/PRAGMATIC LANGUAGE, PRETEND PLAY AND SOCIAL SKILLS FROM 5-6 YEARS" WAS CANCELED AND THEREFORE REMOVED FROM THIS SESSION.

Session E4

Thursday  
04:45 - 06:15 pm

School of Business &  
Economics, lecture hall 104

## **SYMPOSIUM: PROFESSIONAL DEVELOPMENT TO EMBRACE DIVERSITY**

### **Professional development strengthening the Power to teach all**

Marijke Wilssens, Artevelde University College Ghent, Belgium; Piet Van Avermaet, Ghent University, Belgium;  
Elke Struyf, University of Antwerp, Belgium

### **Professional development and organizational climate as predictors of quality and inclusive practices**

Bodine Romijn, Utrecht University, Netherlands; Pauline Slot, Utrecht University, Netherlands; Paul Leseman,  
Utrecht University, Netherlands

### **Opportunities to improve: (research) perspectives from the Italian early childhood education reform**

Lisa Bugno, University of Padova, Italy, Italy; Luca Agostinetti, University of Padova, Italy

Chair:

Bodine Romijn, Utrecht University, Netherlands

Discussant:

Paul Leseman, Utrecht University, Netherlands

Session E5

Thursday  
04:45 - 06:15 pm

School of Business &  
Economics, lecture hall 102

## **SYMPOSIUM: FACTORS INFLUENCING COMPLEX REASONING IN EARLY CHILDHOOD**

### **Surprising Science: Triggering and scaffolding young children's experimentation on the balance-scale**

Jo van Schaik, University of Leiden, Free University Amsterdam, Netherlands; Maartje Raijmakers, University of Amsterdam, Netherlands

### **Do individual differences in children's curiosity relate to their inquiry-based learning?**

Maartje Raijmakers, University of Amsterdam, Netherlands; Brenda Jansen, University of Amsterdam, Netherlands; Tessa van Schijndel, University of Amsterdam, Netherlands

### **Language and non-verbal executive functions in preschoolers: The role of self-directed speech**

Franziska Stephan, University Leipzig, Germany; Catherine Gunzenhauser, Leipzig University, Germany; Henrik Saalbach, University of Leipzig, Germany

### **Which factors promote the development of advanced theory-of-mind reasoning?**

Christopher Osterhaus, Ludwig-Maximilians-Universität (LMU), Germany; Susanne Koerber, University of Education Freiburg, Germany

Chair:

Jo van Schaik, University of Leiden, Free University Amsterdam, Netherlands

Organiser:

Maartje Raijmakers, University of Amsterdam, Netherlands

Discussant:

Susanne Koerber, University of Education Freiburg, Germany

Session E6

Thursday  
04:45 - 06:15 pm

Henry Ford Building,  
lecture hall A

**INVITED SYMPOSIUM: EDUCATIONAL PARTNERSHIPS  
IN ECEC IN A CONTEXT OF CULTURAL DIVERSITY**

**Family-preschool partnerships: mothers with a  
Turkish and Mahgrebian background in Europe**

Martine Broekhuizen, Utrecht University, Netherlands; Rianne Francot, University Utrecht, Netherlands; Paul  
Leseman, Utrecht University, Netherlands

**Roma mothers' resources, experiences, and  
aspirations in the Czech Rep., Greece, and Portugal**

Konstantinos Petrogiannis, Hellenic Open University, Greece; Cecília Aguiar, ISCTE-Instituto Universitário de  
Lisboa, Portugal; Jana Obrovská, Masaryk University, Czech Republic

**Playgroups for Inclusion: Impacts development,  
temperament and behavior of minority children**

Joana Alexandre, ISCTE- IUL, Portugal; M. Clara Barata, University of Coimbra, Portugal; Catarina Leitão,  
University of Coimbra, Portugal; Bruno De Sousa, University of Coimbra, Portugal; Vanessa Russo, University  
Institute of Lisbon (ISCTE- IUL), Portugal

**Promoting early multilingualism in childhood and childcare in Flanders**

Orhan Agirdag, KU Leuven / University of Amsterdam, Belgium

Chair:

Martine Broekhuizen, Utrecht University, Netherlands

Discussant:

Tove Mogstad Slinde, Ministry of Education and Research Norway, Norway

## Friday, 31 August 2018

09:30	<b>Session F</b> F1 - F6	49
11:00	<b>Coffee Break</b>	
11:30	<b>Keynote</b> Early social-emotional and motivational mechanisms in young children's educational pathways	55
12:30	<b>Lunch</b>	
01:30	<b>Session G</b> G1 - G6	56
03:00	<b>Coffee Break</b>	
03:30	<b>Session H</b> H1 - H4	62
05:15	<b>Closing Session</b>	

Session F1

Friday  
09:30 - 11:00 am

School of Business &  
Economics, lecture hall 104

## **SINGLE PAPER: MULTILINGUALISM AND SUSTAINED SHARED THINKING**

### **Interacting with children: sustained shared thinking in make-believe play**

Annerieke Boland, Hogeschool iPabo Amsterdam, University of Applied Sciences, Netherlands; Marieke Tjallema, Marnix Academie, Netherlands; Eefje van der Zalm, Marnix Academie, Netherlands

### **Linguistic Complexity in Mother-Child Interaction: The Role of Situational Context and Culture**

Elena Doering, New York University Abu Dhabi, United Arab Emirates; Kevin Schluter, New York University Abu Dhabi, United Arab Emirates; Joscha Kaertner, WWU Münster, Germany; Antje von Suchodoletz, New York University Abu Dhabi, United Arab Emirates

### **Translation as translanguaging practice in early childhood education**

Anne Kultti, University of Gothenburg, Sweden

Chair:

Sanne Rathé, KU LEUVEN, Belgium

#### **ANNOTATION:**

THE PRESENTATION BY CARINA MÜLLER WITH THE TITLE "NARRATIVE ABILITIES IN BILINGUAL PRESCHOOLERS IN GERMANY – RELEVANCE OF SOCIOECONOMIC VARIABLES" WAS CANCELED AND THEREFORE REMOVED FROM THIS SESSION.

Session F2

Friday  
09:30 - 11:00 am

School of Business &  
Economics, lecture hall 107

**SYMPOSIUM: EDUCATORS' LINGUISTIC BEHAVIOUR – EFFECTS ON  
CHILDREN'S LANGUAGE USE AND PEDAGOGICAL IMPLICATIONS**

**Parallels in the use of syntactic structures:**

**Analyzing educators' and children's verbal interactions**

Anne-Kristin Cordes, State Institute of Early Childhood Research (IFP Bayern), Germany; Julia Radan, State Institute of Early Childhood Research, Germany

**Educators' use of language-facilitation strategies –**

**Correlations with children's verbal engagement**

Claudia Wirts, State Institute of Early Childhood Research, Germany; Nesiré Schauland, State Institute of Early Childhood Research, Germany; Sina Fischer, State Institute of Early Childhood Research, Germany

**Sustained shared thinking and interactive picture book reading**

Johanna Quiring, University of Teacher Education St. Gallen (PHSG), Switzerland; Alexandra Waibel, University of Education, St. Gallen, Switzerland; Laura von Albedyll, Pädagogische Hochschule Weingarten, Germany

**Language fostering in everyday interactions:**

**Professionalization of educators in childcare settings**

Franziska Vogt, University of Teacher Education St. Gallen, Switzerland; Cordula Löffler, PH Weingarten, Germany; Andrea Haid, University of Speech Therapy Rorschach, Switzerland

Chair:

Claudia Wirts, State Institute of Early Childhood Research, Germany

Organiser:

Anne-Kristin Cordes, State Institute of Early Childhood Research (IFP Bayern), Germany

Discussant:

Jenni Salminen, University of Jyväskylä, Finland

Session F3

Friday  
09:30 - 11:00 am

School of Business &  
Economics, lecture hall 102

**SYMPOSIUM: INTERVENTIONS OF LEARNING  
SKILLS IN KINDERGARTEN AND PRIMARY GRADES**

**Accelerating mathematics word-problem solving  
performance among primary schoolers**

Piia Björn, University of Eastern Finland, Finland; Aino Äikäs, University of Eastern Finland, Finland;  
Airi Hakkarainen, University of Eastern Finland, Finland; Minna Kytälä, University of Turku, Finland; Lynn S.  
Fuchs, Vanderbilt University, United States

**Combination of reciprocal teaching with instruction  
in self-regulated learning in primary grades**

Piret Soodla, University of Tallinn, Estonia; Kristi Simso, Tallinn University, Estonia; Kaja Mädamürk, Tallinn  
University, Estonia

**Training six-year-old children's working memory –  
the effects of computerized working memory game**

Minna Kytälä, University of Turku, Finland; Kaisa Kanerva, University of Helsinki, Finland

**Teaching to apply memorization strategies: When to start?**

Eve Kikas, Tallinn University, Estonia; Teri Talpsep, Tallinn University, Estonia; Hardi Sigus, Tallinn University,  
Estonia; Liis Hennok, Tallinn University, Estonia

Chair:

Piret Soodla, University of Tallinn, Estonia

Discussant:

Tuire Koponen, University of Jyväskylä, Finland

Session F4

Friday  
09:30 - 11:00 am

School of Business &  
Economics, lecture hall 106

**SYMPOSIUM: VIRTUAL LEARNING ENVIRONMENTS AND DIGITAL TOOLS FOR ECEC  
WITHIN INTERCULTURAL AND MULTILINGUAL SOCIETIES**

**Multilingual education in 'superdiverse' settings?**

**Exploring a computer-based learning environment**

Orhan Agirdag, KU Leuven / University of Amsterdam, Belgium; Evelien Van Laere, Universiteit Antwerpen, Belgium

**Using sustainable digital tools for the development of  
UDL-compliant content: a study on annotated PDF files**

Andrea Mangiatordi, University of Milano Bicocca, Italy

**U-VLO project: Intercultural and Multilingual Practices in pre-schools**

Ryanne Francot, University Utrecht, Netherlands

Chair:

Ryanne Francot, University Utrecht, Netherlands

Discussant:

Paul Leseman, Utrecht University, Netherlands

Session F5

Friday  
09:30 - 11:00 am

School of Business &  
Economics, lecture hall 103

## **SYMPOSIUM: SOCIAL ROBOTS FOR LANGUAGE LEARNING**

### **Personalized and multimodal interactions for second language tutoring using a social robot**

Paul Vogt, Tilburg University, Faculty of Humanities, Netherlands; Bram Willemsen, Tilburg University, Netherlands; Jan de Wit, Tilburg University, Netherlands; Mirjam de Haas, Tilburg University, Netherlands; Emiel Krahmer, Tilburg University, Netherlands

### **How do robot gestures help second language learning?**

Junko Kanero, Koç University, Turkey; Özlem Ece Demir-Lira, Koç University, Turkey; Sümeyye Koşkulu, Koç University, Turkey; Cansu Oranç, Koç University, Turkey; Idil Franko, Koç University, Turkey; Aylin C. Küntay, Koç University, Turkey; Tilbe Gökşun, Koç University, Turkey

### **Bilingual robots teaching L2 vocabulary to immigrant children**

Hanneke Leeuwestein, Utrecht University, Netherlands; Marie Barking, Tilburg University, Netherlands; Hande Sodaci, Tilburg University, Netherlands; Rian Aarts, Tilburg University, Netherlands; Jan de Wit, Tilburg University, Netherlands; Ora Oudgenoeg-Paz, Utrecht University, Netherlands; Josje Verhagen, Utrecht University, Netherlands; Paul Vogt, Tilburg University, Faculty of Humanities, Netherlands

### **The effect of a robot peer on second language vocabulary learning gains**

Rianne van den Berghe, Utrecht University, Netherlands; Sanne van der Ven, Utrecht University, Netherlands; Josje Verhagen, Utrecht University, Netherlands; Ora Oudgenoeg-Paz, Utrecht University, Netherlands; Fotios Papadopoulos, Plymouth University, United Kingdom; Paul Leseman, Utrecht University, Netherlands

Chair:

Rianne van den Berghe, Utrecht University, Netherlands

Organiser:

Rianne van den Berghe, Utrecht University, Netherlands

Discussant:

Ora Oudgenoeg-Paz, Utrecht University, Netherlands

Session F6

Friday  
09:30 - 11:00 am

Henry Ford Building,  
lecture hall A

**INVITED SYMPOSIUM: EMOTION KNOWLEDGE,  
EMOTION REGULATION AND DEVELOPMENT IN YOUNG CHILDREN**

**Young Children's Emotion Knowledge and Self-Regulation**

Maria von Salisch, Institute for Psychology, Germany; Marieke Wubker, Leuphana University Lüneburg, Germany; Katharina Voltmer, Leuphana University Lüneburg, Germany

**Functions of language in children's development of emotion regulation**

Catherine Gunzenhauser, Leipzig University, Germany; Berit Streubel, Leipzig University, Germany; Gerlind Grosse, Early Childhood Education Research, Germany; Henrik Saalbach, University of Leipzig, Germany

**Behavior vs. knowledge: Keys to improve  
socio-emotional skills through longitudinal interventions**

Beatriz Lucas Molina, Faculty of Psychology, University of Valencia, Spain; Renata Sarmento-Enriquez, University of Valencia, Spain; Laura Quintanilla, University of Valencia, Spain; Marta Giménez-Dasí, University of Valencia, Spain

**Papilio program and "Paula and the Pixies in the Box"  
in supporting children's emotion regulation**

Marja-Leena Laakso, University of Jyväskylä, Finland; Merja Koivula, University of Jyväskylä, Finland

Chair:

Antje von Suchodoletz, New York University Abu Dhabi, United Arab Emirates

Discussant:

Manfred Holodynski, University of Münster, Germany

Keynote

Friday  
11:30 am - 12:30 pm

Henry Ford Building,  
lecture hall A

**EARLY SOCIAL-EMOTIONAL AND MOTIVATIONAL MECHANISMS  
IN YOUNG CHILDREN'S EDUCATIONAL PATHWAYS**

Lieselotte Ahnert, University of Vienna, Austria; Freie Universität Berlin, Germany

Chair:

Yvonne Anders, Freie Universität Berlin, Germany

Session G1

Friday  
01:30 - 03:00 pm

School of Business &  
Economics, lecture hall 104

## **SYMPOSIUM: VARIATIONS IN CHILD CARE QUALITY FOR CHILDREN UNDER THREE YEARS**

### **Supportive caregiver-child interactions in Swiss day care groups**

Sonja Perren, University of Konstanz, Germany; Yvonne Reyhing, Universität Konstanz, Germany; Tatiana Diebold, FernUni Schweiz, Switzerland

### **Quality of teacher-child interactions in toddler classrooms – Situational differences**

Julia Quehenberger, Staat Institute for Early Education Research IFP Bayern, Germany; Anne-Kristin Cordes, State Institute of Early Childhood Research (IFP Bayern), Germany; Franziska Egert, State Institute of Early Childhood Research (IFP Bayern), Germany; Verena Dederer, State Institute of Early Childhood Research (IFP Bayern), Germany; Claudia Wirts, State Institute of Early Childhood Research, Germany

### **The effect of personality traits and educational beliefs on process quality**

Andrea G. Eckhardt, Hochschule Zittau/Görlitz- University of Applied Sciences, Germany; Franziska Egert, State Institute of Early Childhood Research (IFP Bayern), Germany

### **Danish and Dutch early childhood and care provisions: Identifying profiles of quality**

Pauline Slot, Utrecht University, Netherlands; Dorthe Bleeses, Trygfonden's Centre for Child Research and School of Communication and Culture, Denmark; Paul Leseman, Utrecht University, Netherlands

Chair:

Andrea G. Eckhardt, Hochschule Zittau/Görlitz- University of Applied Sciences, Germany

Discussant:

Pauline Slot, Utrecht University, Netherlands

Session G2

Friday  
01:30 - 03:00 pm

School of Business &  
Economics, lecture hall 103

## **SYMPOSIUM: CHILDREN'S MATH AND SCIENCE MOTIVATION – INFLUENCING FACTORS AND DEVELOPMENTAL TRAJECTORIES**

### **Preschool teachers as science educators and role models for the girls and boys in their classroom**

Elisa Oppermann, Freie Universität Berlin, Germany; Martin Brunner, Universität Potsdam, Germany; Yvonne Anders, Freie Universität Berlin, Germany

### **Science-related home learning environment of pre-school girls and boys**

Päivi H. Taskinen, Friedrich Schiller University Jena, Germany; Mirjam Steffensky, Leibniz Institute of Science and Mathematics Education (IPN), Germany; Elisa Oppermann, Freie Universität Berlin, Germany; Tobias Ziegler, Goethe-Universität Frankfurt, Germany; Ilonca Hardy, Goethe-Universität Frankfurt, Germany; Yvonne Anders, Freie Universität Berlin, Germany

### **Relations between arithmetic fluency, self-beliefs and task-preference from 1st to 2nd Grade.**

Tuire Koponen, University of Jyväskylä, Finland; Kenneth Eklund, University of Jyväskylä, Finland; Riikka Heikkilä, University of Jyväskylä, Finland; Jonna Salminen, University of Jyväskylä, Finland; Mikko Aro, University of Jyväskylä, Finland

### **Students' task values and ability beliefs in early science education - a longitudinal study**

Janica Vinni-Laakso, University of Helsinki, Finland; Kalle Juuti, University of Helsinki, Finland; Anni Loukomies, University of Helsinki, Finland; Jari Lavonen, University of Helsinki, Finland; Katariina Salmela-Aro, Helsinki University, Finland

Chair:

Elisa Oppermann, Freie Universität Berlin, Germany

Discussant:

Deborah Stipek, Stanford University, United States

Session G3

Friday  
01:30 - 03:00 pm

School of Business &  
Economics, lecture hall 102

## **SYMPOSIUM: WHAT DO WE KNOW ABOUT THE USEFULNESS OF LANGUAGE SUPPORT IN ECEC? EVIDENCE FROM RESEARCH SYNTHESSES**

### **Learning from research: the role of systematic reviews in education**

Janice Tripney, University College London, Institute of Education, United Kingdom

### **The effects of Language Interventions in ECEC on**

### **L1 and L2 Development of DLL's. A meta-analysis**

Katarina Groth, Deutsches Jugendinstitut, Germany; Franziska Egert, State Institute of Early Childhood Research (IFP Bayern), Germany; Steffi Sachse, Heidelberg University of Education, Germany

### **Preschool predictors of later reading comprehension ability: a Campbell systematic review**

Hanne Næss Hjetland, Nordic Institute for Studies in Innovation, Research and Education, Norway; Ellen Irén Brinchmann, Department of Special Needs Education, University of Oslo, Norway; Ronny Scherer, University of Oslo, Norway; Monica Melby-Lervåg, Department of Special Needs Education, University of Oslo, Norway

### **Language interventions in Germany from 1949 until today**

Susanne Kuger, German Youth Institute (DJI), Germany; Jan-Henning Ehm, German Institute for International Educational Research (DIPF), Germany; Marcus Hasselhorn, DIPF, Germany; Jan Lonnemann, German Institute for International Educational Research (DIPF), Germany; Dominique Rauch, German Institute for International Educational Research (DIPF), Germany; Jolika Schulte, University of Vechta, Germany; Karin Zimmer, University of Vechta, Germany

Chair:

Susanne Kuger, German Youth Institute (DJI), Germany

Discussant:

Dominique Rauch, German Institute for International Educational Research (DIPF), Germany

Session G4

Friday  
01:30 - 03:00 pm

School of Business &  
Economics, lecture hall 106

## **SYMPOSIUM: LANGUAGE AND EMOTIONS**

### **Language Development and Theory of Mind in Young Children**

Claudia Maehler, Institute for Psychology, Germany; Merle Skrowronek, Institute of Psychology, Germany

### **Intervention fidelity as a moderator of dialogic reading intervention outcomes**

Marco Ennemoser, Psychology, Germany; Nils Hartung, Justus-Liebig-Universität Giessen, Germany; Elena Hohmann, Justus-Liebig-Universität Giessen, Germany; Monja Lenigk, Justus-Liebig-Universität Giessen, Germany

### **Young children's language abilities and their emotion knowledge: Evidence from the ATEM**

Katharina Voltmer, Institute for Psychology, Leuphana University Lüneburg, Germany;  
Maria von Salisch, Institute for Psychology, Germany

### **Self-regulation in kindergarten children: An experimental approach**

Niamh Oeri, University of Bern, Switzerland; Claudia M. Roebers, Institute of Psychology, University of Bern, Switzerland

Chairs:

Maria von Salisch, Institute for Psychology, Germany; Claudia Maehler, Institute for Psychology, Germany

Session G5

Friday  
01:30 - 03:00 pm

School of Business &  
Economics, lecture hall 107

## **SYMPOSIUM: KINDERGARTEN TEACHERS' PRACTICES AND INTERACTIONS WITH CHILDREN: FINDINGS FROM FOUR COUNTRIES**

### **Educational Dialogue in Kindergarten Classrooms Across Two Cultures**

Heli Muhonen, New York University Abu Dhabi, United Arab Emirates; Marja-Kristiina Lerkkanen, University of Jyväskylä, Finland; Eija Pakarinen, New York University Abu Dhabi/University of Jyväskylä, Finland; Antje von Suchodoletz, New York University Abu Dhabi, United Arab Emirates

### **Quantitative and Qualitative Aspects of Educational Dialogue during Early Science Instruction**

Anika Bürgermeister, University of Leipzig, Germany; Gerlind Grosse, Early Childhood Education Research, Germany; Ueli Studhalter, ETH Zurich, Switzerland; Miriam Leuchter, University of Koblenz- Landau, Germany; Henrik Saalbach, University of Leipzig, Germany

### **Teacher-Child Interactions and Children's Developmental Outcomes in Kindergarten**

Iryna Nadyukova, New York University Abu Dhabi, United Arab Emirates; Ross Larsen, Brigham Young University, United States; Antje von Suchodoletz, New York University Abu Dhabi, United Arab Emirates

### **Associations between Teacher-Child Relationships and Kindergarteners' Interest in Learning**

Eija Pakarinen, New York University Abu Dhabi/ University of Jyväskylä, Finland; Marja-Kristiina Lerkkanen, University of Jyväskylä, Finland; Jaana Viljaranta, University of Eastern Finland, Finland; Antje von Suchodoletz, New York University Abu Dhabi, United Arab Emirates

Chair:

Antje von Suchodoletz, New York University Abu Dhabi, United Arab Emirates

Discussant:

Jenni Salminen, University of Jyväskylä, Finland

Session G6

Friday  
01:30 - 03:00 pm

Henry Ford Building,  
lecture hall A

**SYMPOSIUM: THE COMPLEXITY OF PRESCHOOL TEACHING  
IN MATHEMATICS: GOING BEYOND TEACHERS' COGNITION**

**Mathematical Pedagogical Content  
Knowledge of Early Childhood Teachers**

Julia Bruns, University of Osnabrück, Germany; Hedwig Gasteiger, Osnabrück University, Germany

**The link between preschool teachers' performance  
and children's outcome in mathematics**

Lara Pohle, Humboldt-Universität zu Berlin, Germany

**Can early education experts adequately assess  
mathematical abilities of kindergartners?**

Markus Szczesny, Humboldt Universität zu Berlin, Germany

Chair:

Markus Szczesny, Humboldt Universität zu Berlin, Germany

Discussant:

Franziska Vogt, University of Teacher Education St.Gallen, Switzerland

Session H1

Friday  
03:30 - 05:00 pm

School of Business &  
Economics, lecture hall 107

**SYMPOSIUM: GUIDED PLAY IN EARLY STEM EDUCATION –  
ADULTS' PROCESS COMPETENCIES AND CHILDREN'S OUTCOMES**

**Effects of guided play on children's concepts  
and problem solving in the domain of gears**

Timo Reuter, University of Koblenz-Landau, Germany; Miriam Leuchter, University of Koblenz-Landau, Germany

**Guided-play and children's statics knowledge**

Anke Maria Weber, University of Koblenz-Landau, Germany; Miriam Leuchter, University of Koblenz-Landau, Germany

**Intervention effects on early childhood  
educators' professional competence**

Andrea Wullschleger, University of Zurich, Switzerland; Anuschka Meier, Interkantonale Hochschule für Heilpädagogik, Switzerland; Miriam Leuchter, University of Koblenz-Landau, Germany; Anke Lindmeier, Leibniz Institute of Science and Mathematics Education (IPN), Germany; Aiso Heinze, Leibniz Institute for Science and Mathematics Education (IPN), Germany; Franziska Vogt, University of Teacher Education St.Gallen, Switzerland; Elisabeth Moser Opitz, Institute of Education, University of Zurich, Switzerland

**Cultural differences in parental guidance of preschoolers' play**

Tessa van Schijndel, University of Amsterdam, Netherlands; Tania Cruz Cordero, Educational Sciences, University of Amsterdam, Netherlands

Chair:

Timo Reuter, University of Koblenz-Landau, Germany

Discussant:

Hedwig Gasteiger, Osnabrück University, Germany

Session H2

Friday  
03:30 - 05:00 pm

School of Business &  
Economics, lecture hall 104

**SYMPOSIUM: SELF-REGULATION AND PRE-ACADEMIC  
SKILLS IN PRESCHOOL CHILDREN ACROSS EUROPE**

**Behavioral Self-regulation and Academic  
Achievement in Young Children in France**

Blandine Hubert, Université de Lorraine, France; Megan McClelland, Oregon State University, United States

**Contribution of behavioral self-regulation  
and executive function to pre-academic skills**

Julia Kerner auch Koerner, Helmut-Schmidt-University Hamburg, Germany; Caterina Gawrilow, University of Tuebingen, Germany

**Self-regulation and language skills in toddlerhood: cross-domain effects**

M. Clara Barata, University of Coimbra, Portugal; Joana Cadima, University of Porto, Portugal; Carolina Guedes, University of Porto, Portugal; Teresa Aguiar, Faculty of Psychology and Educational Sciences, University of Porto, Porto, Portugal, Portugal; Cecília Aguiar, ISCTE-Instituto Universitário de Lisboa, Portugal

Chair:

Catherine Gunzenhauser, Leipzig University, Germany

Discussant:

Antje von Suchodoletz, New York University Abu Dhabi, United Arab Emirates

**ANNOTATIONS:**

THIS IS THE FIRST PART OF TWO SYMPOSIA THAT BELONG TOGETHER AND ADDRESS SELF-REGULATION IN DIFFERENT AGES: (1) IN PRESCHOOL AND (2) IN ELEMENTARY SCHOOL. THE SECOND SYMPOSIUM IS TITLED "CONTRIBUTIONS OF SELF-REGULATION TO ACADEMIC ACHIEVEMENT IN ELEMENTARY STUDENTS ACROSS EUROPE".

THE PRESENTATION BY MARIA-KRISTIIINA LERKKANEN WITH THE TITLE "THE ROLE OF EARLY SELF-REGULATION IN THE DEVELOPMENT OF EMERGING ACADEMIC SKILLS" WAS CANCELED AND THEREFORE REMOVED FROM THIS SESSION.

Session H3

Friday  
03:30 - 05:00 pm

Henry Ford Building,  
lecture hall A

## **SYMPOSIUM: QUALITY MATTERS: UNDERSTANDING PROCESS QUALITY BEYOND THE CLASSROOM LEVEL**

### **Variations of process quality across daily activities in Poland, Portugal, Netherlands, and Finland**

Joana Cadima, University of Porto, Portugal; Cecília Aguiar, ISCTE-Instituto Universitário de Lisboa, Portugal; Pauline Slot, Utrecht University, Netherlands; Olga Wysłowska, Faculty of Education, University of Warsaw, Poland; Marja-Kristiina Lerkkanen, University of Jyväskylä, Finland; Jenni Salminen, University of Jyväskylä, Finland; Carolina Guedes, Faculty of Psychology and Educational Sciences, University of Porto, Portugal, Portugal; Teresa Aguiar, Faculty of Psychology and Educational Sciences, University of Porto, Portugal, Portugal; M. Clara Barata, University of Coimbra, Portugal

### **Structural and Process Quality: a cross-national study using cluster analysis**

Olga Wysłowska, Faculty of Education, University of Warsaw, Poland; Pauline Slot, Utrecht University, Netherlands

### **Quality from the child perspective: child engagement across activities**

Carolina Guedes, Faculty of Psychology and Educational Sciences, University of Porto, Porto, Portugal, Portugal; Teresa Aguiar, Faculty of Psychology and Educational Sciences, University of Porto, Portugal, Portugal; M. Clara Barata, University of Coimbra, Portugal; Joana Cadima, University of Porto, Portugal

### **Consistency of teacher-child interaction quality and its relation to children's emerging math skills**

Jenni Salminen, University of Jyväskylä, Finland; Joana Cadima, University of Porto, Portugal; Marja-Kristiina Lerkkanen, University of Jyväskylä, Finland

Chair:

Pauline Slot, Utrecht University, Netherlands

Organiser:

Joana Cadima, University of Porto, Portugal

Discussant:

Susanne Kuger, German Youth Institute (DJI), Germany

Session H4

Friday  
03:30 - 05:00 pm

School of Business &  
Economics, lecture hall 102

**SYMPOSIUM: NATIONAL RESEARCH SCHOOL FOR PRESCHOOL  
TEACHERS 2: STORYTELLING, DRAMA PEDAGOGY AND LITERACY**

**Engaging children in basic chemistry through drama pedagogy**

Annika Åkerblom, Gothenburg University, Sweden; Niklas Pramling, University of Gothenburg, Sweden

**Bildung and/or representation: Fostering  
artistic perception through teaching in art-making**

Kristina Melker, University of Gothenburg, Sweden; Ingrid Pramling-Samuelsson, University of Gothenburg, Sweden; Elisabet Mellgren, University of Gohenburg, Sweden

**The processes of children retelling and remembering oral stories**

Agneta Pihl, University of Gothenburg, Sweden; Louise Peterson, University of Gothenburg, Sweden

Chair:

Niklas Pramling, University of Gothenburg, Sweden

Discussant:

Ingrid Pramling-Samuelsson, University of Gothenburg, Sweden

# Dahlem

## Eventlocation

- 1 Henry Ford Building
- 2 School of Business & Economics

## Restaurants

- 3 Italian Restaurant "Galileo"
- 4 Italian Restaurant "La Favorita"
- 5 German Restaurant "Fabecks"
- 6 German Restaurant "Alter Krug" (Social Event)
- 7 Burger & Soup Bistro "Really Good Life"

## Bakeries

- 8 French Bakery "Aux Delices Normands"
- 9 Mediterranean Coffee Bar & Deli "Coffee Cross"
- 10 Bakery "Steinecke"



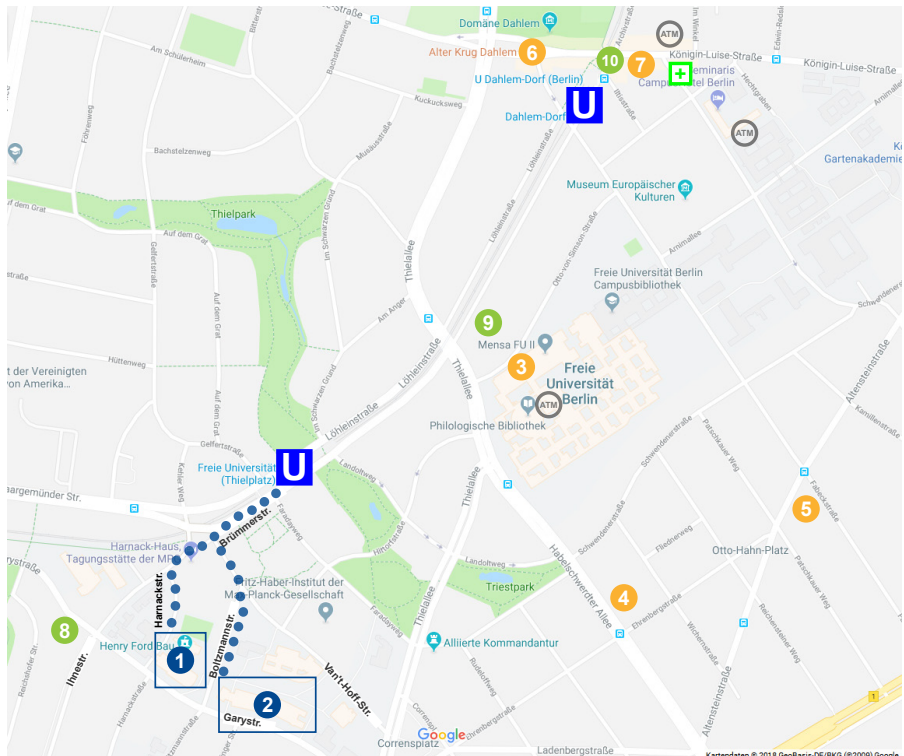
ATM - Automated Teller Machine



Pharmacy

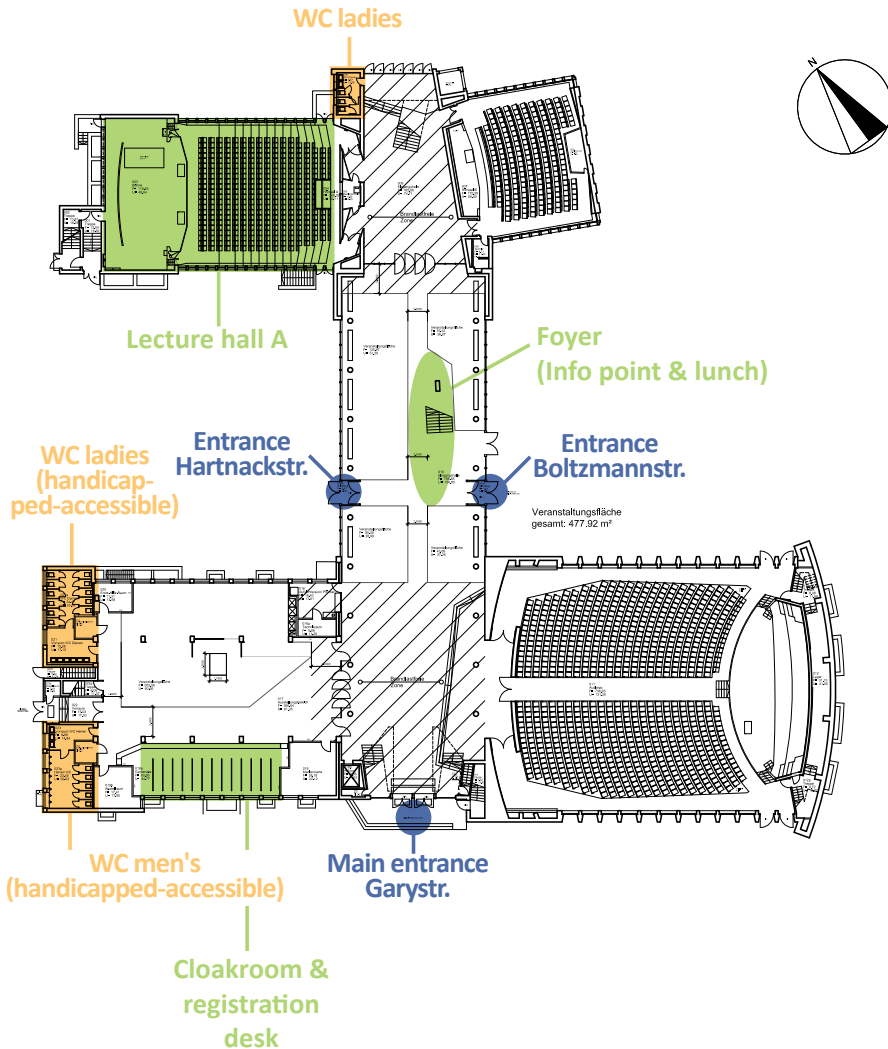


Underground



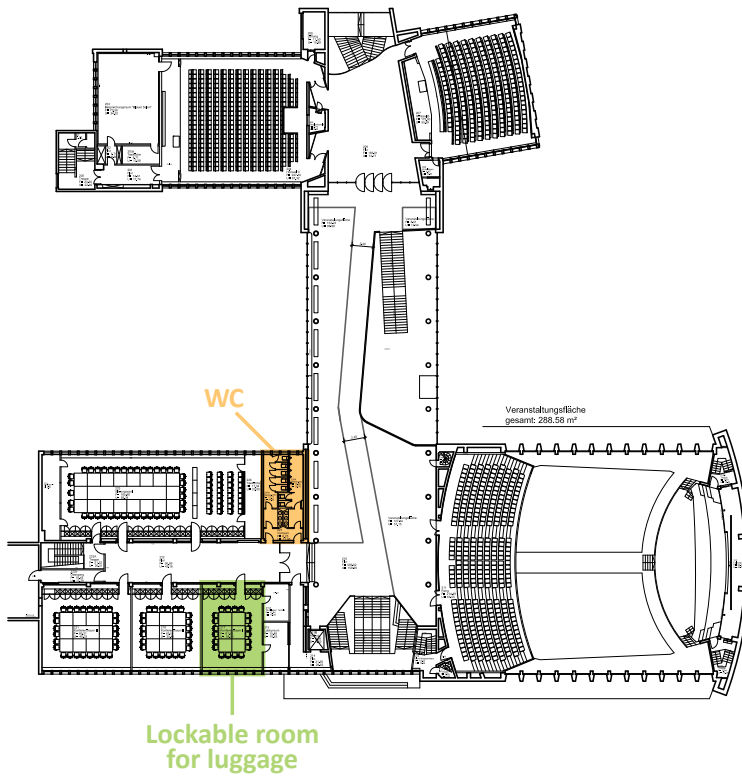
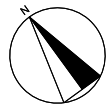
## Henry Ford Building (Ground floor)

Garystr. 35-37  
14195 Berlin

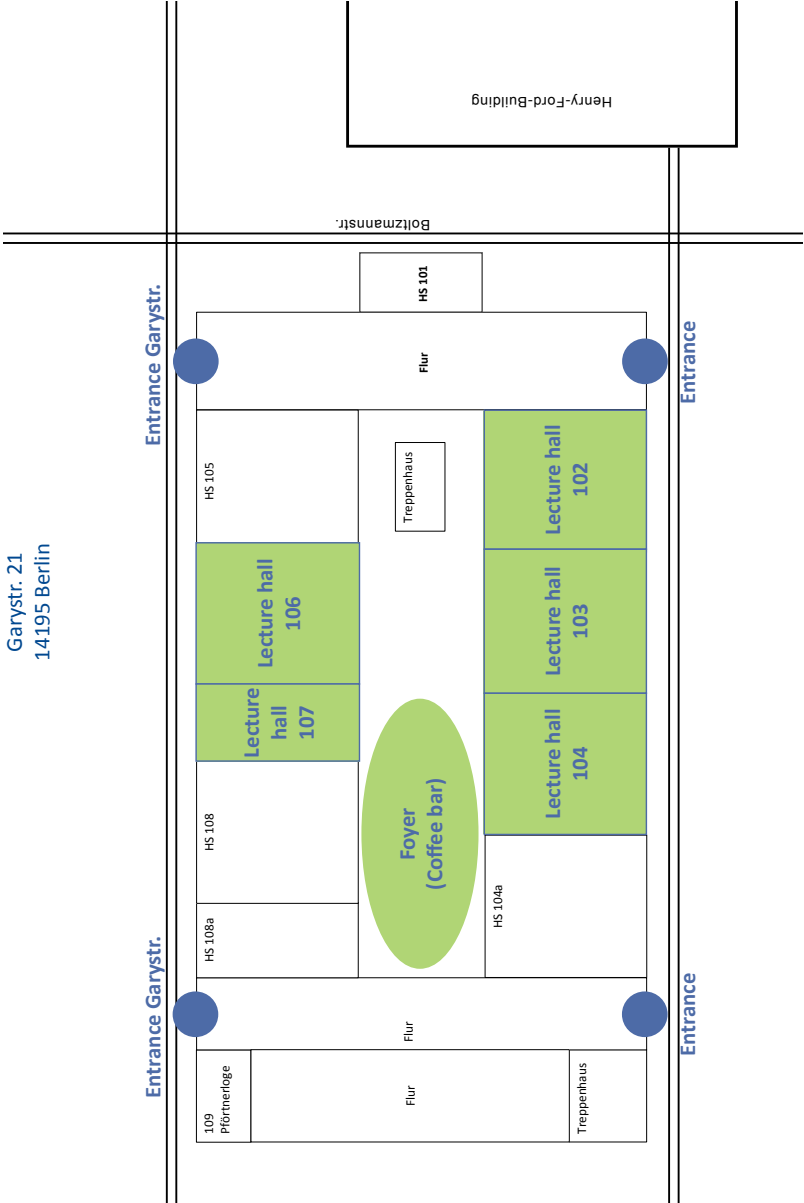


## Henry Ford Building (Upper floor)

Garystr. 35-37  
14195 Berlin



Garystr. 21  
14195 Berlin



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