

1:30 pm – 1:45 pm **Discussion: big data consequences for methodology**
Sam Sellar, Manchester Metropolitan University, UK

1:45 pm – 2:00 pm **Questions/comments from audience**

Coffee Break

Session 4: Broadening the Scope

Chair: Sigrid Hartong

2:30 pm – 2:50 pm **Data society and educational governance: shifts and continuities**

Bianca Prietl, TU Darmstadt, Germany

Daniel Houben, TU Darmstadt, Germany

2:50 pm – 3:10 pm **The new geopolitics of (digital) knowledge production: higher education in the global education industry**

Marcelo Parreira do Amaral, University of Münster, Germany

3:10 pm – 3:30 pm **Algorithmic prediction and calculated content: the example of programmatic advertising**

Jaromir Junne, Helmut Schmidt University Hamburg, Germany,

Christian Huber, Helmut Schmidt University Hamburg, Germany

3:30 pm – 3:45 pm **Discussion**

Karin Amos, University of Tübingen, Germany

3:45 pm – 4:00 pm **Questions/comments from audience**

Final remarks, end of workshop **approx. 4:15 pm**

Workshop

Exploring the Datafication, Digitalization
and Automatization of Educational
Governance and Practice

Helmut Schmidt University Hamburg
Thomas-Ellwein-Saal

September 6th-7th, 2019

Organizers: Sigrid Hartong, Annina Förschler

September, 6th (Friday)

1 – 2 pm Arrival and snacks

2 pm **Beginning of workshop, welcome**

Sigrid Hartong, Annina Förschler, Klaus Beckmann (President HSU)

Session 1: International perspectives on the multiple dynamics of data infrastructures in education

Chair: Jessica Holloway

2:30 pm – 2:50 pm **Digitalization of Russian education: new actors and spaces of governance**

Nelli Piattoeva, Tampere University, Finland

2:50 pm – 3:10 pm **Doing school monitoring in state education agencies – a comparison of the US and Germany**

*Sigrid Hartong, Helmut Schmidt University Hamburg, Germany
Annina Förschler, Helmut Schmidt University Hamburg, Germany*

3:10 pm – 3:30 pm **A European perspective on datafication and its relation to the transformation of Italian schooling**

Paolo Landri, Italian National Research Council, Italy

3:30 pm – 3:45 pm **Discussion: towards a global perspective on data infrastructures in education**

Bob Lingard, University of Queensland, Australia

3:45 pm – 4 pm **Questions/comments from audience**

Option to leave baggage at the hotel(s)

Boat trip (6 pm) and dinner (7:30 pm), Hamburg harbor

September, 7th (Saturday)

9:30 am **Welcome back**

Session 2: Discussing effects of datafication and digitalization for school management and the teaching profession

Chair: Nelli Piattoeva

9:45 am – 10:05 am **The DATAFIED school – an interdisciplinary study of the enactment of digital tools in school management and classroom practice**
Angelina Lange, Andreas Breiter, Irina Zakharova and Tjark Raabe, ifib Bremen, Germany;

*Jasmin Tröger and Annetkatrin Bock, GEI Braunschweig, Germany;
Vito Dabisch, HSU Hamburg, Germany*

10:05 am – 10:25 am **Educational logics of algorithm-driven systems – the construction of teaching and learning in and with software**

Denise Klinge, University of the Armed Forces Munich, Germany

10:25 am – 10:45 am **The digital transformation of teacher training: the examples of PISA4U and Apple Teacher**

Steven Lewis, Deakin University Melbourne, Australia

10:45 am – 11:05 am **Trust in data over teachers?**

Talking about effects for democracy

Jessica Holloway, Deakin University Melbourne, Australia

11:05 am – 11:20 am **Discussion: TA in a nutshell – towards meta-level skill for teachers to assess risks and chances of digitalization**

Paula Bleckmann, Alanus Hochschule, Germany

11:20 am – 11:35 am **Questions/Comments from audience**

(Light) Lunch break (soup and salad)

Session 3: Methodologies and methods of (researching) big data in education

Chair: Juliane Jarke

12:30 pm – 12:50 pm **On using twitter analysis in education research**

Johannes Schuster, FU Berlin, Germany

12:50 pm – 1:10 pm **Digital nomads: an ethnographic approach to understand the educational effects of digital technologies**

Heidrun Allert, University of Kiel, Germany

1:10 pm – 1:30 pm **New big data methods in education: digital psychometrics, neurotechnologies, and bioinformatics**

Ben Williamson, University of Edinburgh, UK