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 Annekatrin 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