PREGOV (PREdictive GOVernance) - Towards Transdisciplinary Perspectives

funded by the Akademie der Wissenschaften in Hamburg

7-8th February, 2020, Helmut-Schmidt-University
Holstenhofweg 85, 22043 Hamburg
Aula Building, Room 2

With the increasing digitalization of public governance, this conference seeks to better understand how new forms of datafication, quantification, and automation enable governments and other powerful stakeholders to construct an image of the future for purposes of steering in the present. Predictive control technologies such as algorithms, tracking sensors, and big data infrastructures – and the extensive quantification of the public sector association with them – have serious consequences for individuals, organizations, and society as a whole (Miller & Power, 2013; Pollock & D'Adderio, 2012; Power, 2007). Yet, the current landscape of social science research in this field still lacks cross-disciplinary empirical and theoretical work. In order to spark a dialogue among those who have studied predictive governance and digitalization across different empirical settings, this collaborative conference brings together both established and young international researchers from across multiple disciplines (e.g. education, accounting, management, sociology, data science) who work in multiple domains (education, healthcare, city management). The aim is to create a discussion about common themes or variations of predictive governance across these different settings, generating opportunities for collaboration and potential future research programs.

Schedule

Friday, February 7th, 2020

12 pm	Lunch at the cantina, HSU Hamburg
12:45 pm	Welcome from the organization team
1:00-3:00 pm	Predictive governance and education

Introduction and ongoing research at the HSU:
Sigrid Hartong, Annina Förschler, Jaromir Junne

"Predictive Regulation in School Management and Learning Software"
Juliane Jarke (ifib Bremen) and Felicitas Macgilchrist (GEI Braunschweig)

"Artificial Intelligence and Predictive Modelling in School Governing Agencies"
Kalervo Gulson (University of New South Wales Australia), Taylor Webb (University of British Columbia Canada), Sam Sellar (Manchester Metropolitan University UK)

Discussion

3:00-3:30 pm	Coffee Break
3:30-5:30 pm	Predictive governance and healthcare

Introduction and ongoing research at the HSU: Jacob Reilley

"Wisdom of patients: predicting the quality of care using aggregated patient feedback"
 Alex Griffiths (Director of Data Science, Statica Research Ltd) (Tentative)

"From Description to Prediction: Cancer Epidemiology in the Age of Big Data"
Elena Esposito (Bielefeld University, University Modena-Reggio Emilia) and Moran Levy (Columbia University, Bielefeld University)

Discussion

7:30 pm	Dinner at „Saliba Alsterarkaden" (Neuer Wall 13, 20354 Hamburg)

<u>Saturday, February 8th, 2020</u>

9:00-11:00 am <u>Predictive governance and social control</u>

"Predictive Regulations in Smart Cities"
Vanessa Weber (Hafencity University Hamburg)

"Assembling expertise: Emerging governance of algorithmic systems in New York City" Max Heimstädt (Witten/Herdecke University)

"Digitalization, surveillance and social control: Critical reflections on the rise of social credit systems" Hans Krause Hansen (Copenhagen Business School)

Discussion

11:00-11:30 am   Coffee Break

11:30am-1:00pm   <u>Towards transdisciplinary perspectives</u>: wrap-up, comparative conclusions, future ideas and collaborations

1 pm   End of workshop

<u>Organization team:</u>

HSU – Department for Management, Accounting and Control:
Dr. Jaromir Junne and Jacob Reilley
HSU – Department of Education:
PD Dr. Sigrid Hartong and Annina Förschler
CBS – Department of Operations Management:
Prof. Christian Huber

Registration is requested!
Please send an email to: foerschler.annina@hsu-hh.de