



Risk Center Workshop

Mastering the Challenges of our Digital Society

Friday, 4 November 2016, 9.00 to 16.30 hrs.,

Zurich Development Center, Zürich

Organizers:

Prof. Frank Schweitzer, Risk Center and Chair of Systems Design, ETH Zurich

Dr David Garcia, Risk Center and Chair of Systems Design, ETH Zurich

Thomas Steiger, Zurich Insurance Company

Registration:

You can register tentatively for the event at www.event.ethz.ch/MCDS. Space is limited to 80 seats. You will receive a final confirmation of your registration by e-mail on Tuesday, 18 October 2016. This event is free of charge.

In cooperation with Zurich Insurance Company



ZURICH

Mastering the Challenges of our Digital Society

Big data technologies are powerful - but with great power comes great responsibility. How can we ensure societal benefits from the deployment of big data technologies and at the same time safeguard individual rights and privacy?

Aims and Scope:

This workshop addresses the challenges and opportunities of digitalization from the perspectives of three different stakeholders: citizens, companies and regulators. Nine leading experts in science, technology, and policy address key problems arising in our digital society. They provide a scientific understanding of the underlying social phenomena, design technologies to solve privacy problems, and discuss ways to implement these solutions in policy making.

Discussions:

The workshop will have three moderated discussion sessions in order to enable a dialogue on these topics.

We look forward to your participation!

Best regards

Frank Schweitzer
David Garcia
Thomas Steiger

Programme

9:00 Opening Remarks

Prof. Frank Schweitzer, Risk Center and Chair of Systems Design
ETH Zurich

Session A: Social Challenges – The Citizen Perspective

9:15 Dr David Garcia, Risk Center and Chair of Systems Design,
ETH Zurich

Can informational self-determination be guaranteed in the age of big data?

9:45 Prof. Michal Kosinski, Stanford Graduate School of Business

Can we understand ourselves by analyzing our digital life?

10:15 Prof. Sandra González-Bailón, Annenberg School of
Communication, UPenn

Can we analyze collective action through digital traces?

10:45 Round up Discussion

11:00 Coffee Break

Session B: Technical Challenges – The Industrial Perspective

11:30 Prof. Andreas Krause, Learning & Adaptive Systems, ETH
Zurich

How to ensure accuracy and reliability of data used for algorithmic decisions?

12:00 Prof. Angel Cuevas, Department of Telematic Engineering, Univ
Carlos III Madrid

How can technology address privacy concerns?

12:30 Courtney Bowman, Palantir, USA
How can privacy, security and data integrity requirements be respected with big data and algorithmic decision-making?

13:00 Round up Discussion

13:15 Lunch Break

Session C: Regulatory Challenges – The Governmental Perspective

14:30 Prof. Ernst Hafen, Molecular Systems Biology, ETH Zurich
What is the trade-off between opportunities and privacy in the health business?

15:00 Prof. Petr Jakubik, EIOPA, Frankfurt
What implications does technological innovation have for the insurance sector?

15:30 Martin Schallbruch, Digital Society Institute, Berlin
What can governments do to ensure cybersecurity?

16:00 Round up Discussion

16:15 Thomas Steiger, Zurich Insurance Company
Closing Remarks

16:30 Aperitif

Venue: Zurich Development Center

Zurich Development Center (ZDC)
Keltenstrasse 48
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How to get there:

From Zurich Main Station, take Tram No. 6 until Kirche Fluntern. From Kirche Fluntern, take Bus No. 751 to Bircher-Benner station, or walk 5 minutes up to the Zurich Development Center.



Contact

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