Big Data in a Transdisciplinary Perspective
7th Herrenhausen Conference of the Volkswagen Foundation
25-27 March 2015, Herrenhausen Palace, Hanover, Germany
Registration: https://veranstaltungen.volkswagenstiftung.de/

PROGRAM

Wednesday, 25 March 2015

1:00 p.m. Registration

Conference Opening and Welcome

2:00 p.m. Welcome Address
Wilhelm Krull, Secretary General, Volkswagen Foundation

Session 1: Big Data and Science - Idle Potentials
Chair: Ralph Schroeder, Oxford Internet Institute, United Kingdom

2:15 p.m. Keynote
Data, Scholarship, and Disciplinary Practice
Christine L. Borgman, Presidential Chair and Professor of Information Studies, Department of Information Studies, UCLA, USA

3:30 p.m. Coffee break

4:00 p.m. Statements and Discussion
The Challenges of Data Reuse: The Short Term and the Long Term
Clifford A. Lynch, Executive Director, Coalition for Networked Information, Washington, DC, USA

Data Science: Practices and Ambitions
Peter Wittenburg, Max Planck Institute for Psycholinguistics Nijmegen, The Netherlands, and Member of the Steering Board of Research Data Alliance

5:45 p.m. New Research Projects: Lightning Talks 1
Chair: Amir Zeldes, Assistant Professor of Computational Linguistics, Georgetown University, USA

6:15 p.m. Coffee Break and Poster session

Session 2:
Chair: Wilhelm Krull, Secretary General, Volkswagen Foundation

6:45 p.m. Keynote
Big Data in the Arts and in the Humanities
Andrew Prescott, AHRC Digital Transformations Theme Fellow and Humanities Advanced Technology and Information Institute, University of Glasgow, United Kingdom

8:00 p.m. Dinner

Thursday, 26 March 2015
### Session 3 - Big Data and Economic Challenges

**Chair:** Arnold Picot, Research Center for Information, Organization and Management, University of Munich

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| 9:00 a.m. | **Keynote**                                                          | Data-Value Services as a Differentiator for Machine Tools  
Stephan Fischer, Head of Software Department, Trumpf Werkzeugmaschinen GmbH, Germany |
| 10:00 a.m. | **New Research Projects: Lightning Talks 2**                           | Young researchers  
Chair: Amir Zeldes |
| 10:45 a.m. | **Coffee Break and Poster Session**                                   |                                                                                                           |
| 11:15 a.m. | **Statements and Discussion**                                         | Researcher Access, Economic Value and the Public Good  
Stefan Bender, Head of the Data Research Center, Institute for Employment Research, Germany |
| 12:30 p.m. | **Lunch**                                                            |                                                                                                           |
| 2:00 p.m.  | **New Research Projects: Lightning Talks 3**                           | Young researchers  
Chair: Amir Zeldes |

### Session 4 - Coping with Big Data

**Chair:** Thomas Petzold, Head of Department Media- and Event Management, University of Applied Sciences for Media, Communication, Germany

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| 2:30 p.m. | **Keynote**                                                          | How we can build a smart, resilient, digital society  
Dirk Helbing, Professor of Sociology, ETH Zurich, Switzerland |
| 3:30 p.m. | **Coffee Break and Poster Session**                                   |                                                                                                           |
| 4:00 p.m.  | **Statements and Discussion**                                         | Shivakumar Vaithyanathan, 2014 IBM Fellow and Senior Manager, Cognitive Computing, IBM, San Jose, CA, USA  
Can You Really Make Best Use of Big Data?  
Rajendra Akerkar, Senior Researcher, Western Norway Research Institute, Sogndal, Norway |
| 5:30 | **Coffee Break and Poster Session**                                   |                                                                                                           |
| 6:00  | **New Research Projects: Lightning Talks 4**                           | Young researchers  
Chair: Amir Zeldes |
| 7:00 | **Dinner**                                                              |                                                                                                           |
**Friday, 27 March 2015**

**Session 5 - Big Data and Legal Framework**  
*Chair: Matthew Woollard*, Director, UK Data Archive and UK Data Service, University of Essex, UK

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| 9:00 a.m.| **Keynote**  
*Privacy, Big Data, and the Public Good: Frameworks for Engagement*  
*Julia Lane*, American Institutes for Research, University of Strasbourg and University of Melbourne |
| 10:00 a.m.| **Coffee Break**                                                        |
| 10:30 a.m.| **Statements and Discussion**  
*From Ali Baba to Abida - Legal Issues Concerning Big Data*  
*Thomas Hoeren*, Institut für Informations-, Telekommunikations- und Medienrecht, University of Münster, Germany  
*Nikolaus Forgó*, Institute for Legal Informatics, University of Hannover |
| 12:00 p.m.| **Lunch Break**                                                         |

**Award Ceremony**  
*Chair: Amir Zeldes*

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<td>1:00 p.m.</td>
<td><strong>Award Ceremony</strong> for the best three posters and the best three lightning talks</td>
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**Session 6 - Big Data and Challenges for Research and Research Funding**  
*Chair: Ralph Schroeder*, Oxford Internet Institute, United Kingdom

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| 1:15 p.m.| **Introductory Remarks**  
*Volker Markl*, Chair of the Database Systems and Information Management, University of Berlin |
|          | **Panel Discussion:**  
*David Carr*, Policy Officer, The Wellcome Trust  
*Oscar Corcho*, Associate Professor Ontology Engineering Group, Faculty of Informatics, Polytechnical University of Madrid, Spain  
*Joshua M. Greenberg*, Program Director, Digital Information Technology Program, Alfred P. Sloan Foundation, New York, USA  
*Stefan Winkler-Nees*, Scientific Library Services and Information Systems, Deutsche Forschungsgemeinschaft, Bonn, Germany  
*Volker Markl* |
| 2:50 p.m.| **Closing Remarks**                                                    |
| 3:00 p.m.| **End of Conference**                                                 |