

Program of International Conference on Data-driven Discovery: When Data Science Meets Information Science

(19-22, June, 2016, Beijing China)

| Sunday, June 19, 2016 | |
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| 08:30 am-08:30 pm Registration and Poster Set-up Venue: Lecture Hall, National Science Library, Chinese Academy of Sciences | |
| Monday, June 20, 2016 | |
| Opening Ceremony Chaired by Prof Xiaolin Zhang, EIC of JDIS | |
| 08:30-08:40 am | Introduction |
| 08:40-08:50 am | Welcoming Remarks Prof Xiangyang Huang Director General, National Science Library, Chinese Academy of Sciences, China |
| Session 1 Chaired by Prof Ronald Rousseau, EIC of JDIS | |
| 08:50-09:15 am | Informatics of Scientific Discovery Prof Neil Smalheiser University of Illinois at Chicago, USA |
| 09:15-09:40 am | Measuring Scholarly Impact and Beyond Prof Ying Ding Indiana University, USA |
| 09:40-10:05 am | Advanced Bibliometric Methods and Tools and Information Science Prof Everard Noyons Leiden University, the Netherlands |
| 10:05-10:30 am Coffee Break & Group Photo | |
| 10:30-10:55 am | Ranking and Mapping Science Dr Jevin West University of Washington, USA |
| 10:55-11:20 am | Data Science in 2021 Prof Kyle Stirling Indiana University, USA |
| 11:20-11:45 am | Assessing the Efficiency, Effectiveness and Impact of Research in the Big Data Era: A framework Prof Cinzia Daraio Sapienza University of Rome, Italy |
| 11:45-12:10 am | From Digital Library to Digital Librarian Dr Rui Li & Prof Kuansan Wang Microsoft Research Asia, China |
| 12:10 am-01:10 pm Lunch | |
| Session 2 Chaired by Prof Wei Lu, Editor of JDIS | |
| 01:10-01:35 pm | Organizational Needs and Data Management: The Information Science Perspective Missing from Data Analytic Textbooks Prof Miguel Nunes Sun Yat-Sen University, China |



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| 01:35-02:00 pm | Research on the Comparison Approach for Information Analysis Using Machine Learning Prof Guangjian Li Peking University, China |
| 02:00-02:25 pm | AMiner: Toward, Understanding Big Scholar Data Prof Juanzi Li & Prof Jie Tang Tsinghua University, China |
| 02:25-02:50 pm | Future Innovation Pathway in Disruptive Innovation: Bridging the Gap between Data Mining and Foresight Prof Donghua Zhu & Dr Ying Guo Beijing Institute of Technology, China |
| 02:50-03:15 pm | Towards a National Data Infrastructure for Digital Humanities Prof Wei Liu Shanghai Library, China |
| 03:15-03:25 pm Coffee Break & Poster Session | |
| Session 3 Chaired by Prof Everard Noyons | |
| 03:25-03:50 pm | Emerging Ethic Issues from Big Data Prof Yuelin Li Nankai University, China |
| 03:50-04:15 pm | Large-scale Analysis of Bibliometric Network Dr Nees-Jan van Eck Leiden University, the Netherlands |
| 04:15-04:40 pm | Patent Information Service in the Big Data Era Prof Dar-Zen Chen Taiwan University, Taiwan China |
| 04:40-05:05 pm | History of the Journal Byte Prof Ronald Rousseau University of Leuven, Belgium |
| 05:05-05:30 pm | The Fundamental Theory of Data and Information Science: An Exploration Prof Fred. Y. Ye Nanjing University, China |
| 05:30-06:30 pm Dinner | |
| 07:00-10:00 pm | The 1 st Global Editorial Board Meeting of JDIS Venue: 7D Meeting Room |
| Tuesday, June 21, 2016 | |
| Session 4 Chaired by Prof Ying Ding, EIC of JDIS | |
| 08:10-08:35 am | Mining and Application of Big Data in Agriculture of China Prof Tan Sun Institute of Agriculture Information, Chinese Academy of Agriculture Sciences, China |
| 08:35-09:00 am | Documents' Structure Function Recognition and Its Application Prof Wei Lu Wuhan University, China |
| 09:00-09:25 am | World Class University and World Class Discipline – From the Perspective of Scientometrics Dr Weiping Yue Thomson Reuters, China |
| 09:25-9:50 am | Exploring the Motivation of the User Exodus in SNS: An Ethnography Decision Tree Approach Prof Yuxiang Zhao Nanjing University of Science and Technology, China |



Research Paper

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| 09:50-10:15 am | Discovery of the Knowledge for Network Society Governance Based on Data from Social Media Prof Fang Wang Nankai University, China |
| 10:15-10:25 am Coffee Break | |
| Session 5 Chaired by Prof Yuelin Li, Editor of JDIS | |
| 10:25-10:50 am | A Preliminary Comparison of Citation and Re-citation Based Approaches to the “More Like This” Feature of Information Retrieval Systems Prof Dangzhi Zhao University of Alberta, Canada |
| 10:50-11:15 am | Retraction: The Other Face of Research Collaboration Prof Li Tang Fudan University, China |
| 11:15-11:40 am | A Multi-layer Network Framework of Scientometrics and Its Application to Name Disambiguation, Diversity Measure and Ranking Prof Jianshan Wu Beijing Normal University, China |
| 11:40-12:05 am | Can “Usage Count” be a New Indicator in Research Fronts Detection? Prof Haiyan Hou Dalian University of Technology, China |
| 12:05-01:10 am Lunch | |
| Session 6 Chaired by Prof Tan Sun, Editor of JDIS | |
| 01:10-01:35 pm | Scientific Data Management of Precision Medicine Prof Qing Qian Institute of Medical Information, Chinese Academy of Medical Sciences, China |
| 01:35-02:00 pm | Towards Cloud Services for Profiling the Innovation Progress Based on Web Mining Prof Zhixiong Zhang National Science Library, CAS, China |
| 02:00-02:25 pm | Quantifying Patterns of Research Interest Evolution Prof Tao Jia Southwest University, China |
| 02:25-02:50 pm | Mapping and Visualizing the Translational Path from Basic Discovery to Clinic Practice Based on the Publications of a Pioneer Who Explores a New Land of a Research Topic from the Unknown World Prof Yuxian Liu Tongji University, China |
| 02:50-03:15 pm | Selecting a Representative Subset from Massive Online Reviews Prof Ming Ren Renmin University, China |
| 03:15-:3:40 pm | Introduction of “Blue Book of Basic Research Output of China” Prof Liying Yang National Science Library, Chinese Academy of Sciences, China |
| 03:40-04:20 pm Coffee Break & Poster Session | |
| Closing Ceremony, Chaired by Prof Ronald Rousseau, EIC of JDIS | |
| 04:20-04:50 pm | Best Papers Awards Prof Ying Ding, EIC of JDIS, announces the winners |
| 04:50-05:20 pm | Closing Remarks Prof Xiaolin Zhang, EIC of JDIS |
| 05:30-07:30 pm Dinner | |
| Wednesday, June 22, 2016 Departure | |

