

## WDS4SC'15 Chairs' Welcome

It is our great pleasure to welcome you to the *2015 Workshop on Web Data Science meets Smart Cities – WDS4SC'15*, associated with WWW 2015. Three major trends support the goal of the workshop: open web data, data science, and smart cities. The principal goal is to foster research on Web-based data science approaches to smart cities applications. These include utilizing open data on the Web as major data sources and Web-based data analytics as supporting technologies for typical smart cities applications at large scale. Typical examples include: web data analytics for urban traffic prediction, semantic web applications for smart cities ontologies, mobile data analytics for urban disaster monitoring or emergence management, Web of Things and sensor data applications for smart cities etc.

The call for papers attracted submissions from Italy, USA, France, Greece, and the United States. The workshop mainly accepted papers on smart cities applications to showcase the benefits of Web data or Web-based data analytics approaches including papers on Smart Urban Planning, Smart Cities services through Semantic Analysis of Social Streams, Smart City data model, an application of Dynamic Waste Collection Management System, and a Urban Data Profilers system.

Putting together *WDS4SC'15* was a team effort. We first thank the authors for providing the content of the program. We are grateful to the program committee and the organizational committee, who worked very hard in reviewing papers and providing feedback for authors. Finally, we thank the effort of the two Workshop chairs, and hosting organization of the main WWW conference.

We hope that you will find this program interesting and thought provoking and that the workshop will provide you with a valuable opportunity to share ideas with other researchers and practitioners from institutions around the world.

**Huajun Chen**

*Zhejiang University, China.*

**Jeff. Z Pan**

*Aberdeen University, UK.*



# WDS4SC'15 Workshop Organization

**Co-Chairs:** Jeff. Z Pan, Aberdeen University, UK  
Huajun Chen, Zhejiang University, China  
Freddy Lecue, IBM Research Ireland, Ireland  
Achille Fokoue, IBM Thomas J. Watson Research Center, USA  
Daning Hu, University of Zurich, Switzerland

**Program Committee:** Soren Auer, University of Leipzig, Germany  
Huajun Chen, Zhejiang University, China  
Jiaoyan Chen, Zhejiang University, China  
Philippe Cudre-Mauroux, University of Fribourg, Switzerland  
Mathieu d'Aquin, Open University, UK  
Achille Fokoue, IBM Thomas J. Watson Research Center, USA  
Craig Knoblock, USC/ISI and Fetch Technologies, USA  
Daning Hu, University of Zurich, Switzerland  
Freddy Lecue, IBM Research Ireland, Ireland  
Jeff. Z Pan, Aberdeen University, UK  
Amit Sheth, Wright State University, USA  
Harry Wang, University of Delaware. USA  
F. Villanustre, Lexis Nexis, Alpharetta, Georgia, USA  
Dongsong Zhang, University of Maryland Baltimore County, USA  
Lina Zhou, University of Maryland Baltimore County, USA