

Tutorial Chairs' Welcome

It is our great pleasure to welcome you to the WWW2017 Tutorials that are held in conjunction with the 26th International World Wide Web Conference, April 3 – April 7, 2017, Perth, Australia. The tutorials of WWW2017 provide a high quality learning experience to conference attendees and local participants on current and emergent topics related to the World Wide Web.

The call for papers attracted nineteen submissions from all around the world covering a broad range of topics. We evaluated them regarding relevance, quality, and novelty selecting three full-day tutorials and ten half-day tutorials. We also took into account the coverage of the different areas related to WWW as well as the potential audience, to schedule them in two consecutive days with the minimal audience interest overlap.

The morning of the first day includes the following four tutorials:

- “Recommendation in Context-Rich Environment: An Information Network Analysis Approach” by Yizhou Sun (University of California, Los Angeles, USA), Xiang Ren (University of Illinois Urbana-Champaign, USA), and Hongzhi Yin (University of Queensland, Australia).
- “Caching at the Web Scale” by Victor Zakhary (University of California Santa Barbara, USA), Divyakant Agrawal (University of California Santa Barbara, USA), and Amr El Abbadi (University of California Santa Barbara, USA).
- “Distributed Machine Learning: Foundations, Trends, and Practices” by Tie-Yan Liu (Microsoft Research), Wei Chen (Microsoft Research), and Taifeng Wang (Microsoft Research).
- “Constructing Structured Information Networks from Massive Text Corpora” by Xiang Ren (University of Illinois Urbana-Champaign, USA), Meng Jiang (University of Illinois Urbana-Champaign, USA), Jingbo Shang (University of Illinois Urbana-Champaign, USA), and Jiawei Han (University of Illinois Urbana-Champaign, USA).

The afternoon of the first day includes the following four tutorials:

- “Recommendation in Context-Rich Environment: An Information Network Analysis Approach” by Yizhou Sun (University of California, Los Angeles, USA), Xiang Ren (University of Illinois Urbana-Champaign, USA), and Hongzhi Yin (University of Queensland, Australia).
- “Computational Models for Social Network Analysis” by Jie Tang (Tsinghua University, China)
- “Antisocial Behavior on the Web: Characterization and Detection” by Srijan Kumar (University of Maryland - College Park, USA), Justin Cheng (Stanford University, USA), and Jure Leskovec (Stanford University, USA).
- “Scalable Deep Document / Sequence Reasoning with Cognitive Toolkit” by Sayan Pathak (Microsoft Research, USA), William Darling (Microsoft Research, USA), and Clemens Marschner (Microsoft Research, USA).

The morning of the second day includes the following four tutorials:

- “Towards Semantic Applications: From Knowledge Management to Data Publishing on the Web” by Dung Xuan Thi Le (Semantic Software, Australia), Michel Heon (Cotechnoe, Canada), and Nick Volmer (Semantic Software, Australia).

- “The Lifecycle of Geotagged Data” by Rossano Schifanella (University of Turin, Italy), Bart Thomee (Google, USA), and David Shamma (Centrum Wiskunde & Informatica, Netherlands).
- “Semantic Data Management in Practice” by Olaf Hartig (Linköping University, Sweden), and Olivier Curé (Université Paris-Est Marne la Vallée, France).
- “Digital Demography” by Ingmar Weber (Qatar Computing Research Institute, Qatar), and Bogdan State (Stanford University, USA).

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- “The Lifecycle of Geotagged Data” by Rossano Schifanella (University of Turin, Italy), Bart Thomee (Google, USA), and David Shamma (Centrum Wiskunde & Informatica, Netherlands).
- “Semantic Web meets Internet of Things and Web of Things” by Amelie Gyrard (Insight, Ireland), Pankesh Patel (ABB Corporate Research, India), Soumya Kanti Datta (EURECOM, France), and Muhammad Intizar Ali (Digital Enterprise Research Institute, Ireland).
- “Large Scale Distributed Data Science from scratch using Apache Spark 2.0” by James Shanahan (University of California - Berkeley, USA), and Liang Dai (Facebook, USA).

We believe that the program provides a good balance between several trending topics such as deep learning, data parallelization, social media analysis, graph mining, crowdsourcing, knowledge databases, semantic data management, distributed Web caching, Internet of Things, Web of Things, recommendation systems, large-scale distributed machine learning, mobile data, antisocial behavior, among others. We hope that you will find the tutorial program interesting, providing you with a valuable opportunity to learn and share ideas with other researchers and practitioners from institutions around the world.

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