

## International Workshop on Modeling Social Media (MSM 2018) Chairs' Welcome

Bienvenue! It is our great pleasure to welcome you to the *WWW 2018 International Workshop on Modeling Social Media (MSM'2018) - Applying Machine Learning and AI for Modeling Social Media*. This is our 9<sup>th</sup> edition of our workshop. Social networks such as Facebook, Twitter, and LinkedIn have paved the way for generating huge amount of diverse, streaming bit data in a short period of time. Such social media data require the application of big data analytics to produce meaningful information to both information consumers and data generators. Machine learning and AI techniques are particularly effective in situations where deep and predictive insights need to be uncovered from such social media data sets that are large, diverse and fast changing.

The workshop aims to address machine learning and AI methods, frameworks, algorithms, and the applications and evaluation of these approaches on social media, big data and the web. We received 11 papers from all around the world covering a broad range of topics, and we accepted 8 papers resulting in a 72% acceptance rate. We evaluated them regarding relevance, quality, and novelty, selecting 4 full papers and 4 short papers. Each paper was reviewed by 3 reviewers and then decisions were made from the reviews and the workshop chairs.

The list of the 8 papers that were presented in the half-day workshop were:

- Evolutionary Learning Model of Social Networking Services with Diminishing Marginal Utility (full paper)
- Residual Convolutional LSTM for Tweet Count Prediction (full paper)
- Iterative Knowledge Extraction from Social Networks (full paper)
- Real-time Detection of Content Polluters in Partially Observable Twitter Networks (full paper)
- On the Use of “Deep” Features for Online Image Sharing (short paper)
- Using Deep Learning to Identify Dangerous Selfies on Social Media (short paper)
- Beyond Accuracy in Link Prediction (short paper)
- Combining Neural, Statistical and External Features for Fake News Identification (short paper)

We thank all those who submitted their papers and to our workshop program committee and reviewers for assisting in reviewing the papers. We hope you enjoy the workshop, the conference and Lyon, France.

**Martin Atzmueller**  
Workshop Chair  
Tilburg University

**Christoph Trattner**  
Workshop Chair  
University of Bergen

**Alvin Chin**  
Workshop Chair  
BMW Group



## International Workshop on Modeling Social Media (MSM 2018) Organization

**Workshop Chairs:** Martin Atzmueller (Tilburg University, The Netherlands)  
Alvin Chin (BMW Group, USA)  
Christoph Trattner (University of Bergen, Norway)

**Program Committee:** Shlomo Berkovsky (CSIRO)  
Ulf Brefeld (Leuphana Universität Lüneburg)  
Javier Luis Canovas Izquierd (IN3 – UOC)  
Michelangelo Ceci (Universita degli Studi di Bari)  
Michael Granitzer (University of Passau)  
Bin Guo (Institut Telecom SudParis)  
Geert-Jan Houben (Delft University of Technology)  
Mark Kibanov (University of Kassel)  
Chi Harold Liu (Beijing Institute of Technology)  
Denis Parra (Pontificia Universidad Catolica de Chile)  
Nico Piatkowski (TU Dortmund)  
Su Yang (Fudan University)  
Arkaitz Zubiaga (The University of Warwick)

**Reviewers:** Anqin Zhang (Fudan University)  
Roberto Corizzo (Universita Degli Studi de Bari Aldo Moro)  
Emamuele P. Barracchia (Universita Degli Studi de Bari Aldo Moro)

