

[Session Title: Spreading]

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| Date and Time | Wednesday, June 1, 2016 / 14:00-15:40 |
| Room | Dongkang C, Avenue 3F |
| Session Chair | Zi-Ke Zhang, Hangzhou Normal Univ., China |

14:00-14:20 **How Events Determine Spreading Patterns: Information Transmission via Internal and External Influences on Social Networks**
Chuang Liu¹, Xiu-Xiu Zhan¹, Gui-Quan Sun², Zi-Ke Zhang¹, and Pak Ming Hui³
¹Hangzhou Normal Univ., China, ²Shanxi Univ., China, ³The Chinese Univ. of Hong Kong, China

14:20-14:40 **The Dynamics of Information-Driven Coordination Phenomena: a Transfer Entropy Analysis**
Javier Borge-Holthoefer¹, Nicola Perra², Bruno Gonçalves³, Sandra González-Bailón⁴, Alex Arenas⁵, Yamir Moreno⁶, and Alessandro Vespignani²
¹Interdisciplinary Internet Institute (IN3), Spain, ²Northeastern Univ., USA, ³New York Univ., USA, ⁴Univ. of Pennsylvania, USA, ⁵Universitat Rovira i Virgili, Spain, ⁶Universidad de Zaragoza, Spain

14:40-15:00 **Flockworks: A Class of Dynamic Network Models for Face-to-Face Interactions**
Benjamin F. Maier and Dirk Brockmann
Humboldt-Universität zu Berlin, Germany

15:00-15:20 **Network Segregation and the Spread of Misinformation**
Marcella Tambuscio¹, Giovanni Luca Ciampaglia², Diego F. M. Oliveira³, Giancarlo Ruffo¹, Alessandro Flammini^{2,3}, and Filippo Menczer^{2,3}
¹Univ. of Turin, Italy, ²Indiana Univ. Network Science Institute, USA, ³Indiana Univ., USA

15:20-15:40 **Modeling the Dynamics of Dissent**
Eun Lee¹, Petter Holme¹, and Sang Hoon Lee²
¹Sungkyunkwan Univ., Korea, ²KIAS, Korea