

[Lightning Session]

Date and Time	Friday, June 3, 2016 / 14:00-15:40
Room	Crystal Ballroom, Convention Center 3F
Session Chair	TBD

- 14:00** **Exploring Truss Structure in Directed Networks**
Taro Takaguchi^{1,2} and Yuichi Yoshida^{1,3}
¹Nat'l Institute of Informatics, Japan, ²Japan Science and Technology Agency, Japan, ³Preferred Infrastructure, Inc., Japan
- 14:05** **Sequential Seeding in Social Networks with the Dynamic
Recomputation of Network Measures**
Jarosław Jankowski¹, Piotr Bródka¹, Tomasz Kajdanowicz¹, Przemysław Kazienko¹, Bolesław Szymański^{1,2}, and Radosław Michalski¹
¹Wrocław Univ. of Technology, Poland, ²Rensselaer Polytechnic Institute, USA
- 14:10** **Finite Size Analysis of the Detectability Limit of the Stochastic Block
Model**
Jean-Gabriel Young¹, Laurent Hébert-Dufresne², Edward Laurence¹, Patrick Desrosiers¹, and Louis J. Dubé¹
¹Université Laval, Canada, ²Santa Fe Institute, USA
- 14:15** **Powerful by Presence: the Role of Core Nodes in the Social Influence
Process**
Radosław Michalski, Przemysław Kazienko, and Marcin Kulisiewicz
Wrocław Univ. of Technology, Poland
- 14:20** **Charting Cultural Exchange (Now in Color)**
Maximilian Schich and Mauro Martino
¹The Univ. of Texas at Dallas, USA, ²ETHZ Zurich, Switzerland, ³IBM Watson Group, USA
- 14:25** **Measuring Creativity in Music via a Network Analysis of Codeword
Transitions**
Doheum Park and Juyong Park
KAIST, Korea
- 14:30** **Understanding the Dynamics of Crowd Gathering in Urban Areas**
Pu Wang and Zhiren Huang
Central South Univ., China

- 14:35** **User-based Representation of Time-Resolved Multimodal Public Transportation Networks**
Laura Alessandretti^{1,2,3}, Márton Karsai¹, and Laetitia Gauvin²
¹Laboratoire de l'Informatique du Parallélisme, France, ²ISI Foundation, Italy, ³City Univ. London, UK
- 14:40** **Structural Diversity and Homophily: A Study Across More than One Hundred Large-Scale Networks**
Yuxiao Dong, Reid A. Johnson, Jian Xu, and Nitesh V. Chawla
Univ. of Notre Dame, USA
- 14:45** **Rumor Source Detection: Power of Querying**
Sangwoo Moon, Jaeyeong Choi, Jinwoo Shin, and Yung Yi
KAIST, Korea