

[Session Title: Multiplex]

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| Date and Time | Wednesday, June 1, 2016 / 16:10-17:50 |
| Room | Dongkang A, Avenue 3F |
| Session Chair | Marton Posfai, Univ. of California, USA |

- 16:10-16:30** **Controllability of Multilayer, Multi-Timescale Networks**
Márton Pósfai¹, Jianxi Gao², Sean Cornelius², Albert-László Barabási²,
and Raissa M. D'Souza¹
¹Univ. of California, USA, ²Northeastern Univ., USA
- 16:30-16:50** **Hybrid Phase Transition into an Absorbing State: Percolation and Avalanches in Multilayer Networks**
Deokjae Lee¹, S. Choi¹, M. Stippinger², J. Kertész^{2,3}, and B. Kahng¹
¹Seoul Nat'l Univ., Korea, ²Budapest Univ. of Technology and Economics, Hungary, ³Central European Univ., Hungary
- 16:50-17:10** **Competing Spreading Processes on Multiplex Networks: Awareness and Epidemics**
C. Granell, S. Gomez, and A. Arenas
Universitat Rovira i Virgili, Spain
- 17:10-17:30** **Layer-Switching Cost and Optimality in Information Spreading on Multiplex Networks**
Sang-Hwan Gwak¹, Byungjoon Min^{1,2}, Nanoom Lee¹, and K. -I. Goh¹
¹Korea Univ., Korea, ²City College of New York, USA
- 17:30-17:50** **Interests Diffusion in a Semantic Multiplex**
Gregorio D'Agostino and Antonio De Nicola
ENEA Italian Nat'l Agency for New Technologies, Italy