

### LIGHTNING SESSION L1: Reputation & Influence - Community Structure

Number	Authors	Title	Order
123	Samuel Fraiberger, Roberta Sinatra, Christoph Riedl and Laszlo Barabasi	Quantifying Reputation and Success in Art	1
177	Yuichi Kichikawa, Hiroshi Iyetomi, Takashi Iino and Hiroyasu Inoue	Hierarchical and Circulating Flow Structure in an Interfirm Transaction Network	2
227	Soumaya Yahiaoui, Christophe Courtin, Pierre Maret and Laurent Tabourot	Competences Network Based on Interaction Data for Recommendation and Evaluation Aims	3
134	Michael Kitromilidis and Tim S. Evans	Community Detection with Metadata in a Network of Artistic Influence	4
216	Raphaël Ceré and Mattia Egloff	Soft textual cartography based on topic modeling and clustering of irregular, multivariate marked networks	5
27	Abhijit Chakraborty	Community characterization in a large-scale Japanese production network	6
229	Alessandro Muscoloni and Carlo Vittorio Cannistraci	A latent geometry rationale for engineering graph-dissimilarities enhances affinity propagation community de	7
318	Kumaran Gunasekaran, Jeyavaishnavi Muralikumar, Sudarshan Srinivasa Ramanujam, Balasubramaniam Srinivasan and Fr	NetGloVe: Learning Node Representations for Community Detection	8
97	Clara Pizzuti and Annalisa Socievole	Motif-based Community Detection in Multiplex Networks	9
112	Vesa Kuikka	Influence Spreading Model Used to Community Detection in Social Networks	10

### LIGHTNING SESSION L2: Diffusion & Epidemics - Network Measures

Number	Authors	Title	Order
74	Hale Cetinay, Piet Van Mieghem and Karel Devriendt	Best spreader node in a network	1
225	Oliver Williams, Fabrizio Lillo and Vito Latora	Infection Spreading in Temporal Networks With Memory	2
19	Bo Qu, Cong Li, Piet Van Mieghem and Huijuan Wang	Ranking of Nodal Infection Probability in Susceptible-Infected-Susceptible Epidemic	3
319	Alexey Medvedev and Gabor Pete	Speeding up non-Markovian SI spreading with a few extra edges	4
60	Timoteo Carletti, Malbor Asllani, Francesca Di Patti, Duccio Fanelli and Francesco Piazza	Crawling in crowd conditions. Application to network reconstruction	5
10	Mica Rubinson, Nava Levit-Binnun, Avi Peled, Jodie Naim-Feil, Freche Dominnik and Elisha Moses	A novel hierarchy measurement for modeling network dynamics under directed attacks	6
296	Jeremy Guillon, Yohan Attal, Oliver Colliot, Valentina La Corte, Bruno Dubois, Denis Schwartz, Mario Chavez and Fabrizio D	Loss of inter-frequency brain hubs in Alzheimer's disease	7
114	Xiangrong Wang, Johan L. A. Dubbeldam and Piet Van Mieghem	Kemeny's constant and the effective graph resistance	8
83	Taichi Haruna	Open Networks from Within: From Categorical Network Theory to New Centrality Measures of Nodes as Inp	9
65	John Matta	A Comparison of Approaches to Computing Betweenness Centrality for Large Graphs	10
234	Vandana Ravindran, Sunitha V and Ganesh Bagler	Investigation of control profiles in biological networks	11

### LIGHTNING SESSION L3: Network Models - Social & Political Networks

Number	Authors	Title	Order
295	Giona Casiraghi	Multiplex Network Regression: How Do Relations Drive Interactions?	1
38	Yongzheng Sun and Wang Li	Coherence of multi-agent networks with reaction time delays	2
130	Christian Hofer, Georg Jäger and Manfred Füllsack	Generating realistic road usage information and origin-destination data for traffic simulations: augmenting ac	3
154	Sara Heydari, Sam G.B. Roberts, R.I.M Dunbar and Jari Saramäki	Multichannel Social Signatures and Persistent Features of Ego Networks	4
21	Marija Mitrovic Dankulov and Jelena Smiljanic	Associative nature of event-driven social dynamics: a network theory approach	5
213	Kuntal Dey, Ritvik Shrivastava, Vaibhav Mathur and Saroj Kaushik	Assessing the Effects of Social Familiarity and Stance Similarity in Interaction Dynamics	6
138	Jacob Levy Abitbol, Márton Karsai, Jean-Pierre Chevrot, Jean-Philippe Magué and Eric Fleury	Socioeconomic and network dependencies of linguistic patterns in Twitter	7
304	Rijul Magu and Gonzalo Mateos	United Nations General Assembly Vote Similarity Networks	8
310	Simon Schweighofer, Giona Casiraghi and Frank Schweitzer	Predicting Offline Political Support with Online Behavioral Traces	9
105	Nan Zhou, Xiu-Xiu Zhan, Qiang Ma, Song Lin, Jun Zhang and Zi-Ke Zhang	Identifying spreading sources and influential nodes of hot events on social networks	10