

Luca Rossi  
Associate Professor  
Digital Design  
Digital Societies and Participation Section  
NETwoRks, Data, and Society  
Human-Centered Data Science  
**Email:** lucr@itu.dk  
**Phone:** 72185036



## Publications

**Measuring Violence: A Computational Analysis of Violence and Propagation of Image Tweets From Political Protest**  
Rossi, L., Neumayer, C., Henrichsen, J. & Beck, L., 31 Jan 2022, In: *Social Science Computer Review*.

**How minimizing conflicts could lead to polarization on social media: An agent-based model investigation**  
Coscia, M. & Rossi, L., 27 Jan 2022, In: *PLOS ONE*. 17, 1

**At the onset of an infodemic: Geographic and disciplinary boundaries in researching problematic COVID-19 information**  
Righetti, N., Rossi, L. & Marino, G., 2022, In: *First Monday*. 27, 7

**Navigating the Resources of the Migrant Digital Space**  
Rossi, L., 2022, *The Migration Mobile : Border Dissidence, Sociotechnical Resistance, and the Construction of Irregularized Migrants*. Rowman & Littlefield Publishers

**Seeing Images from Conflict through Computer Vision**  
Neumayer, C. & Rossi, L., 2022, *Social Media Images and Conflicts*. Routledge, p. 122 12 p.

**(Nearly) Ten Years of Social Media and Political Elections in Italy: Questions, Platforms, and Methods**  
Rossi, L., Righetti, N. & Marino, G., 8 Dec 2021, In: *Social Media + Society*. 7, 4

**Analysis of Multiplex Social Networks with R**  
Magnani, M., Rossi, L. & Vega, D., 2 Jun 2021, In: *Journal of Statistical Software*. 98, 8

**Community Detection in Multiplex Networks**  
Magnani, M., Hanteer, O., Interdonato, R., Rossi, L. & Tagarelli, A., May 2021, In: *ACM Computing Surveys*. 54, 3, 48.

**Invisible Data: A Framework for Understanding Visibility Processes in Social Media Data**  
Neumayer, C., Rossi, L. & David M., S., 1 Jan 2021, In: *Social Media + Society*. 7, 1

**Contrapuntal Connectedness: Analysing Relations Between Social Media Data and Ethnography in Digital Migration Studies**  
Sandberg, M., Grønlykke Mollerup, N. & Rossi, L., 2021, *Research Methodologies and Ethical Challenges in Digital Migration Studies*. Palgrave Macmillan, p. 53-85 (Approaches To Social Inequality And Difference).

**Migrant Digital Space: Building an Incomplete Map to Navigate Public Online Migration**  
Makrygianni, V., Kamal, A., Rossi, L. & Galis, V., 2021, *Research Methodologies and Ethical Challenges in Digital Migration Studies: Caring For (Big) Data?*. Palgrave Macmillan, p. 25-52 (Approaches To Social Inequality And Difference).

**Research Methodologies and Ethical Challenges in Digital Migration Studies: Caring For (Big) Data?**  
Sandberg, M. (ed.), Rossi, L. (ed.), Galis, V. (ed.) & Bak Jørgensen, M. (ed.), 2021, Palgrave Macmillan. (Approaches To Social Inequality And Difference).

### **Distortions of political bias in crowdsourced misinformation flagging**

Coscia, M. & Rossi, L., 10 Jun 2020, In: *Journal of the Royal Society. Interface.* 17, 167

### **A Twitter-based study of the European Internet of Things**

Ustek-Spilda, F., Vega, D., Magnani, M., Rossi, L., Shklovski, I., Lehuede, S. & Powell, A., 2020, In: *Information Systems Frontiers.* 1, 15

### **It takes a village to manipulate the media: coordinated link sharing behavior during 2018 and 2019 Italian elections.**

Giglietto, F., Righetti, N., Rossi, L. & Marino, G., 2020, In: *Information, Communication & Society.* 1, 25, p. 867-891 p.

### **An Analysis of the Consequences of the General Data Protection Regulation on Social Network Research**

Kotsios, A., Magnani, M., Rossi, L., Shklovski, I. & D'aurelio, D. V., Dec 2019, In: *ACM Transactions on Social Computing.* 2, 3, 12.

### **The Impact of Projection and Backboning on Network Topologies**

Coscia, M. & Rossi, L., 27 Aug 2019, *International Conference on Advances in Social Networks Analysis and Mining.* Association for Computing Machinery

### **An Innovative Way to Model Twitter Topic-Driven Interactions Using Multiplex Networks**

Hanteer, O. & Rossi, L., 6 Jun 2019, *Frontiers in Big Data. Workshop Proceedings of the 13th International AAAI Conference on Web and Social Media.* Frontiers

### **'Fake news' is the invention of a liar: How false information circulates within the hybrid news system**

Giglietto, F., Iannelli, L., Valeriani, A. & Rossi, L., 8 Apr 2019, In: *Current Sociology.* p. 1-18

### **Multi-Party Media Partisanship Attention Score. Estimating Partisan Attention of News Media Sources Using Twitter Data in the Lead-up to 2018 Italian Election**

Giglietto, F., Righetti, N., Marino, G. & Rossi, L., 1 Apr 2019, In: *Comunicazione Politica.* p. 85-108

### **The Meaning of Dissimilar: An Evaluation of Various Similarity Quantification Approaches Used to Evaluate Community Detection Solutions**

Hanteer, O. & Rossi, L., 2019, *Proceedings of the 2019 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM 2019).* Spezzano, F., Chen, W. & Xiao, X. (eds.). Association for Computing Machinery, p. 513-518 5 p.

### **Benchmarking API Costs of Network Sampling Strategies**

Coscia, M. & Rossi, L., 14 Dec 2018, *2018 IEEE International Conference on Big Data, BigData 2018.* IEEE

### **'Brussels will land on its feet like a cat': motivations for memefying #Brusselslockdown**

Jensen, M., Neumayer, C. & Rossi, L., 18 Jun 2018, In: *Information, Communication & Society.* p. 1-17 17 p.

### **Images of protest in social media: Struggle over visibility and visual narratives**

Neumayer, C. & Rossi, L., 26 Apr 2018, In: *New Media & Society.* p. 1-18

### **Comfortably Numb: Danish Teens' Attitudes, Towards Social Media Platforms**

Villebro, M., Shklovski, I., Rossi, L. & Bjørstorp, A., 2018, *Proceedings of the 9th International Conference on Social Media and Society.* Association for Computing Machinery, p. 187-196

### **Facebook digital traces for survey research: Assessing the efficiency and effectiveness of a Facebook ad-based procedure for recruiting online survey respondents in niche and difficult-to-reach populations**

Iannelli, L., Giglietto, F., Rossi, L. & Zurovac, E., 2018, In: *Social Science Computer Review.*

### **From Interaction to Participation: The Role of the Imagined Audience in Social Media Community Detection and an Application to Political Communication on Twitter**

Hanteer, O., Rossi, L., D'aurelio, D. V. & Magnani, M., 2018, *2018 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM)*. IEEE

**Facebook - fw! A comparative content analysis of party leaders on Facebook during 2011/2015 DK election**

Schwartz, S. A. & Rossi, L., 8 Oct 2017.

**Multiple Social Networks, Data Models and Measures for**

Magnani, M. & Rossi, L., 17 Mar 2017, *Encyclopedia of Social Network Analysis and Mining*. Alhajj, R. & Rokne, J. (eds.). New York: Springer Publishing Company, 8 p.

**Openness to other People's Opinions in Online Debate**

Løvlie, A. S. & Rossi, L., 10 Nov 2016.

**15 years of protest and media technologies scholarship: A sociotechnical timeline**

Neumayer, C. & Rossi, L., 14 Sep 2016, In: *Social Media + Society*. 2, 3

**Multilayer Social Networks**

Dickison, M., Magnani, M. & Rossi, L., 20 Jul 2016, New York: Cambridge University Press. 203 p.

**Networked Intimacy. Intimacy and Friendship among Italian Facebook users**

Farci, M., Rossi, L., Boccia Artieri, G. & Giglietto, F., 30 Jun 2016, In: *Information, Communication & Society*. 18 p.

**Social Media Use & Political engagement in Denmark: Report 2016**

Mahnke, M., Schwartz, S. A. & Rossi, L., 10 Mar 2016, 5 p.

**Comparing Facebook and Twitter during the 2013 General Election in Italy**

Rossi, L. & Orefice, M., 2016, *The Routledge Companion to Social Media and Politics*. Bruns, A., Enli, G., Skogerbo, E., Larsson, A. O. & Christensen, C. (eds.). Routledge, p. 434-446

**Contested Hashtags: Blockupy Frankfurt in Social Media**

Neumayer, C., Rossi, L. & Karlsson, B., 2016, In: *International Journal of Communication*. 10, p. 5558–5579

**From moon to comet landing: re-imagining (scientific) media events in the age of Twitter.**

Giglietto, F. & Rossi, L., 2016.

**Images of protest in contested social media: Production, propagation, and narratives**

Neumayer, C., Rossi, L. & Vulpis, J., 2016, *AoIR Selected Paper of Internet Research 2016: The 17th Annual Conference of the Association of Internet Researchers*. Berlin, Vol. 6.

**The Shadow of Big Data: Data-Citizenship and Exclusion**

Rossi, L., Hjelholt, M. & Neumayer, C., 2016.

**When the police hijacked #Blockupy Frankfurt**

Neumayer, C., Rossi, L. & Karlsson, B., 2016, *The Democratic Public Sphere : Current Challenges and Prospects*. Kaare Nielsen, H., Fiig, C., Loftager, J., Olesen, T., Løhmann Stephensen, J. & Sørensen, M. P. (eds.). Aarhus: Aarhus Universitetsforlag, p. 405-431

**Towards effective visual analytics on multiplex and multilayer networks**

Rossi, L. & Magnani, M., Mar 2015, In: *Chaos, Solitons & Fractals*. 72, p. 68-76 8 p.

**Chiacchierare con le immagini, l'uso delle fotografie nei servizi di microblogging**

Rossi, L., 2015, *Gli effetti sociali del web. Forme della comunicazione e metodologie della ricerca online: Social effects of the Web. Forms of communication and research methods for online research..* Edizioni FrancoAngeli, p. 135

### **Descrivere un Social Network Site: un approccio empirico**

Rossi, L., Di Lascio, F. M. L., Pacelli, B. & Magnani, M., 2015, *Gli effetti sociali del web. Forme della comunicazione e metodologie della ricerca online*. Boccia Artieri, G. (ed.). Edizioni FrancoAngeli, p. 52-62

### **Cyberprotest: Protest in the Digital Age**

Rossi, L. & Boccia Artieri, G., 2014, *MEDIA AND REVOLT: Strategies and Performances from the 1960s to the Present*. Fahlenbrach, K., Sivertsen, E. & Werenskjold, R. (eds.). Berghahn Books, p. 336-350 14 p. (Protest, Culture & Society, Vol. 11).

### **Facebook, Twitter and co. Una mutazione possibile per la ricerca sociale**

Boccia Artieri, G., Giglietto, F. & Rossi, L., 2014, *Galassia Facebook. Comunicazione e vita quotidiana*. Fiorentino, G. & Pireddu, M. (eds.). Roma: Edizioni FrancoAngeli, p. 73-91 18 p.

### **Intimità connessa. Intimità e amicizia tra gli utenti italiani di Facebook**

Boccia Artieri, G., Farci, M., Giglietto, F. & Rossi, L., 2014, *Pubbliche intimità. L'affettivo quotidiano nei siti di Social Network*. Greco, G. (ed.). Edizioni FrancoAngeli, p. 183-202

### **LONG CHAINS OR STABLE COMMUNITIES? THE ROLE OF EMOTIONAL STABILITY IN TWITTER CONVERSATIONS**

Celli, F. & Rossi, L., 2014, In: *Computational Intelligence*. 31, 1, p. 184-200 16 p., 7.

### **Multiple social networks, data models and measures**

Magnani, M. & Rossi, L., 2014, *Encyclopedia of Social Network Analysis and Mining*. Alhaji, R. & Rokne, J. (eds.). Springer

### **Conversation retrieval for microblogging sites**

Magnani, M., Montesi, D. & Rossi, L., 1 Feb 2013, In: *Information Retrieval*. 15, 3-4, p. 354-372 19 p.

### **Factors Enabling Information Propagation in a Social Network Site**

Magnani, M., Montesi, D. & Rossi, L., 2013, *The Influence of Technology on Social Network Analysis and Mining*. Springer VS, p. 411-426 16 p.

### **Formation of multiple networks**

Magnani, M. & Rossi, L., 2013, *6th International Conference, SBP 2013, Washington, DC, USA, April 2-5, 2013. Proceedings*. Springer, p. 257-264 8 p. (Lecture Notes in Computer Science).

### **Pareto Distance for Multi-layer Network Analysis**

Magnani, M. & Rossi, L., 2013, *Social Computing, Behavioral-Cultural Modeling and Prediction*. Greenberg, A. M., Kennedy, W. G. & Bos, N. D. (eds.). Springer, Vol. 7812. p. 249-256 (Lecture Notes in Computer Science).

### **The Genesis of Crisis Communication in Twitter: from Witnesses to Gatewatchers**

Rossi, L. & Zurovac, E., 2013, In: *Selected Papers of Internet Research*. 4 p.

### **The Open Laboratory: Limits and Possibilities of Using Facebook, Twitter, and YouTube as a Research Data Source**

Giglietto, F., Rossi, L. & Bennato, D., 2013, In: *Journal of Technology in Human Services*. 30, 3-4, p. 145-159 15 p.

### **The role of Emotional Stability in Twitter Conversations.**

Celli, F. & Rossi, L., 2013, *Proceedings of Workshop on Semantic Analysis in Social Media, in conjunction with EACL 2012*. Association for Computational Linguistics, p. 10-17

### **Conversation practices and network structure in Twitter**

Rossi, L. & Magnani, M., 2012, *Proceedings of the Sixth International AAAI Conference on Weblogs and Social Media (ICWSM 2012), 4-8 June 2012, Dublin, Ireland*. AAAI Press, p. 563-566

### **Ethics and interdisciplinarity in computational social science.**

Giglietto, F. & Rossi, L., 2012, In: *Methodological Innovations*. 7, 1, p. 25-36

### **Conversation Retrieval from Twitter**

Nunziante, G., Magnani, M., Montesi, D. & Rossi, L., 2011, *Advances in Information Retrieval, The 33rd European Conference on Information Retrieval (ECIR 2011)*. Clough, P., Foley, C., Gurrin, G., Jones, K., Lee, H. & Murdoch, V. (eds.). Springer VS

### **Framing the Game: Four Game-Related Approaches to Goffman's Frames.**

Glas, R., Jørgensen, K., Mortensen, T. E. & Rossi, L., 2011, *Online Gaming in Context: The social and cultural significance of online games*. Crawford, G., Gosling, V. K. & Light, B. (eds.). London: Routledge

### **Information propagation enablers in a Social Network Sites**

Magnani, M., Montesi, D. & Rossi, L., 2011, *Social Networks Analysis and Mining*. Tansel, O. (ed.). Springer VS

### **rescatemineros: global media events in the microblogging age.**

Rossi, L., Magnani, M. & Iadarola, B., 2011, *Selected Papers of Internet Research*. Frago, S., Herman, W., Bruns, A., O'Riordan, K. & Williams, J. (eds.).

### **The ML-model for multi-layer social networks**

Magnani, M. & Rossi, L., 2011, *The 2011 International Conference on Advances in Social Network Analysis and Mining*. IEEE Computer Society Press

### **Friendfeed Breaking News: death of a public figure**

Magnani, M., Montesi, D. & Rossi, L., 2010, *Second IEEE International Conference on Social Computing*. IEEE Computer Society Press, p. 528-533 6 p.

### **Information propagation analysis in a social network site**

Rossi, L., Magnani, M. & Montesi, D., 2010, *2010 International Conference on Advances in Social Networks Analysis and Mining*. IEEE Computer Society Press, p. 296-300 5 p.

### **Reproductive Culture and young generations: communication strategies of fertility preservation**

Rossi, L., Bartoletti, R., Mengarelli, M., BOCCIA ARTIERI, G., GEMINI, L., MAZZOLI, G., GIANNINI, L. & SCARAVELLI, G., 2010, *Human Reproduction*. Oxford University Press, Vol. 25. p. 267 1 p.

### **Social Network Data and Practices : the case of Friendfeed**

Celli, F., Di Lascio, F. M. L., Magnani, M., Pacelli, B. & Rossi, L., 2010, *International Conference on Social Computing, Behavioral Modeling, Prediction*. Springer VS, p. 1-8 8 p.

### **Playing your network: gaming in social network sites**

Rossi, L., 2009, *Digra Conference Proceedings*. Tanya, A. B. A. K. H. A. K. (ed.). Brunel University

### **Toward a bridge between sociocybernetics and internet studies**

Giglietto, F. & Rossi, L., 2009, In: *Journal of Sociocybernetics*. 7, 2, p. 1-3 3 p.

## **Activities**

### **European Communication Conference**

Luca Rossi (Speaker)

10 Nov 2016 → 11 Nov 2016

**AoIR 2016**

Luca Rossi (Speaker)  
5 Oct 2016 → 8 Oct 2016

**3rd ISA Forum of Sociology**

Luca Rossi (Speaker)  
10 Jul 2016 → 14 Jul 2016

**Internet Research 16.0**

Luca Rossi (Speaker)  
21 Oct 2015 → 24 Oct 2015

**Internet Research 16.0**

Luca Rossi (Workshop Chair)  
21 Oct 2015

**ECREA Communication and Democracy Conference**

Luca Rossi (Speaker)  
9 Oct 2015 → 10 Oct 2015

**Protest Participation in Variable Communication Ecologies**

Luca Rossi (Speaker)  
24 Jun 2015 → 26 Jun 2015

**International Conference on Computational Social Sciences**

Luca Rossi (Speaker)  
11 Jun 2015

**European Communication Conference**

Luca Rossi (Participant)  
14 Nov 2014

**27th Conference of the Nordic Sociological Association**

Luca Rossi (Speaker)  
14 Aug 2014 → 16 Aug 2014

**Annual International Conference on Democracy as Idea and Practice**

Luca Rossi (Participant)  
8 Jan 2014

**Internet Research 14.0: Resistance and Appropriation**

Luca Rossi (Speaker)  
23 Oct 2013 → 26 Oct 2013