

From EULER Project**Publications: Publications****Accepted and published papers**

1. **Dimitri Papadimitriou** (2014) *Routing for the Internet's growth.* net-Xperiment future. ([PDF](#)) ([BibTeX](#))
2. **Matthieu Latapy, Assia Hamzaoui and Clémence Magnien** (2013) *Detecting Events in the Dynamics of Ego-centered Measurements of the Internet Topology.* Journal of Complex Networks, 2(1):38-59. ([PDF](#)) ([BibTeX](#))
3. **Coupechoux, Émilie and Tarissan, Fabien** (2013) *Un modèle pour les graphes bipartis aléatoires avec redondance.* In 4ème Conférence sur les Modèles et l'Analyse des Réseaux : Approches Mathématiques et Informatique (MARAMI)., pages 1-10. ([PDF](#)) ([BibTeX](#))
4. **Korman, Amos, Sereni, Jean-Sébastien and Viennot, Laurent** (2013) *Toward more localized local algorithms: removing assumptions concerning global knowledge.* Distributed Computing, 26(5-6):289-308. ([PDF](#)) ([BibTeX](#))
5. **Aur'elien Lancin and Dimitri Papadimitriou** (2013) *DRMSim: A Routing-Model Simulator for Large-Scale Networks.* ERCIM News, 94:31-32. ([PDF](#)) ([BibTeX](#))
6. **Daniel F. Bernardes, Matthieu Latapy and Fabien Tarissan** (2013) *Inadequacy of SIR model to reproduce key properties of real-world spreading cascades: experiments on a large-scale P2P system.* Social Network Analysis and Mining, 3(4):1195-1208. ([PDF](#)) ([BibTeX](#))
7. **Gavoille, Cyril, Glacet, Christian, Hanusse, Nicolas and Ilcinkas, David** (2013) *On the Communication Complexity of Distributed Name-Independent Routing Schemes.* In \$27^{\text{th}}\$ International Symposium on Distributed Computing (DISC). oct. Springer, page 12. ([URL](#)) ([PDF](#)) ([BibTeX](#))
8. **Elie Rotenberg, Christophe Crespelle and Matthieu Latapy** (2014) *Measuring Routing Tables in the Internet.* In Proceedings of the IEEE International Workshop on Network Science for Communication Networks (NetSciCom). May. ([BibTeX](#))
9. **Fabien Tarissan, Elie Rotenberg, Matthieu Latapy and Christophe Crespelle** (2014) *UDP Ping: a dedicated tool for improving measurements of the Internet topology.* In IEEE 22nd International Symposium on Modeling Analysis and Simulation of Computer and Telecommunication Systems (MASCOTS'14).. ([BibTeX](#))
10. **Ioannis Caragiannis and Alexandros Voudouris** (2014) *Welfare guarantees for proportional allocations.* In 7th International Symposium on Algorithmic Game Theory (SAGT).. ([BibTeX](#))
11. **Dimitri Papadimitriou, Didier Colle, Pieter Audenaert and Piet Demeester** (2013) *Geometric Information Routing.* In Proceedings of Seventh IEEE International Conference on Advanced Networks and Telecommunication Systems (ANTS) 2013 To appear. Chennai, India, December. ([BibTeX](#))
12. **Clémence Magnien, Amélie Medem, Serguey Kirgizov and Fabien Tarissan** (2013) *Towards realistic modeling of IP-level routing topology dynamics.* Networking Science, 3(1-4):24-33. ([BibTeX](#))
13. **Coudert, David, Hogie, Luc, Lancin, Aurélien, Papadimitriou, Dimitri, Pérennes, Stéphane and Tahiri, Issam** (2013) *Feasibility study on distributed simulations of BGP.* Research Report RR-8283, INRIA. ([URL](#)) ([PDF](#)) ([BibTeX](#))
14. **Giroire, F., Modrzejewski, R., Nisse, N. and Pérennes, S.** (2013) *Maintaining Balanced Trees For Structured Distributed Streaming Systems.* In Proceedings of the 20th International Colloquium on Structural Information and Communication Complexity (SIROCCO).. Springer. ([URL](#)) ([PDF](#))

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15. **Aynaud, Thomas, Blondel, Vincent D., Guillaume, Jean-Loup and Lambiotte, Renaud** (2013) *Multilevel Local Optimization of Modularity*. In Graph Partitioning., John Wiley & Sons, Inc., pages 315-345. ([\(URL\)](#)) ([\(BibTeX\)](#))
16. **Sahhaf, S., Dixit, A., Tavernier, W., Colle, D., Pickavet, M. and Demeester, P.** (2013) *Scalable and energy-efficient optical tree-based greedy router*. In Transparent Optical Networks (ICTON), 2013 15th International Conference on. June, pages 1-4. ([\(BibTeX\)](#))
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18. **Giroire, Frederic, Modrzejewski, Remigiusz, Nisse, Nicolas and P{\'e}rennes, St{\'e}phane** (2013) *Maintaining Balanced Trees For Structured Distributed Streaming Systems*. Research Report RR-8309, INRIA. ([\(URL\)](#)) ([\(BibTeX\)](#))
19. **Papadimitriou, D., Careglio, D., Tarissan, F. and Demeester, P.** (2013) *Method of reliability and availability analysis from the dynamic properties of routing and forwarding paths*. In Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT), 2013 5th International Congress on. Sept, pages 222-228. ([\(BibTeX\)](#))
20. **Llu{\'i}s F{\'a}brega and Pere Vil{\'a} and Davide Careglio and Dimitri Papadimitriou** (2013) *Summary and Conclusions*. In Measurement Methodology and Tools - First European Workshop, FP7 FIRE/EULER Project, Aalborg, Denmark, May 9, 2012, Revised and Extended Papers. (Llu{\'i}s F{\'a}brega and Pere Vil{\'a} and Davide Careglio and Dimitri Papadimitriou, Eds.) Springer, pages 195-203. ([\(BibTeX\)](#))
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24. **Dimitri Papadimitriou and Florin Coras and Alberto Rodriguez and Valentin Carela and Davide Careglio and Llu{\'i}s F{\'a}brega and Pere Vil{\'a} and Piet Demeester** (2013) *Iterative Research Method Applied to the Design and Evaluation of a Dynamic Multicast Routing Scheme*. In Measurement Methodology and Tools - First European Workshop, FP7 FIRE/EULER Project, Aalborg, Denmark, May 9, 2012, Revised and Extended Papers. (Llu{\'i}s F{\'a}brega and Pere Vil{\'a} and Davide Careglio and Dimitri Papadimitriou, Eds.) Springer, pages 107-126. ([\(BibTeX\)](#))
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28. **Dimitri Papadimitriou** (2014) *Probe Placement Problem*. NMRG Meeting - IETF 89. ([\(URL\)](#)) ([\(BibTeX\)](#))
29. **Dimitri Papadimitriou** (2014) *Complexity: the good, the bad, and the ugly*. NMRG Meeting - IETF 89. ([\(URL\)](#)) ([\(BibTeX\)](#))
30. **Dimitri Papadimitriou** (2014) *Geometric analysis of flow betweenness centrality*. In Proc. SIAM Workshop on Network Science (NS14), co-located with the 2014 SIAM Annual Meeting. Chicago, Illinois, USA, jul. SIAM. ([\(BibTeX\)](#))
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33. **G. Karagiannis, A. Petrescu, D. Papadimitriou and B. Wissigh** (2014) *Problem Statement for Internet-wide Geo-networking*. IETF draft
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44. **Davide Careglio, Dimitri Papadimitriou, Fernando Agraz, Sahel Sahhaf, Jordi Perelló, Wouter Tavernier, Salvatore Spadaro and Didier Colle** (2014) *Development and experimentation towards a multicast-enabled Internet*. In Proceedings of the 17th IEEE Global Internet Symposium (GI2014), co-located with IEEE Infocom 2014. Toronto, Canada, April. ([\(BibTeX\)](#))
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50. **Becker, Florent, Kosowski, Adrian, Matamala, Martin, Nisse, Nicolas, Rapaport, Ivan, Suchan, Karol and Todinca, Ioan** (2014) *Allowing each node to communicate only once in a distributed system: shared whiteboard models*. Distributed Computing. ([\(URL\)](#)) ([BibTeX](#))
51. **Hendrickx, J.M.** (2014) *Views in a Graph: To Which Depth Must Equality Be Checked?* Parallel and Distributed Systems, IEEE Transactions on, 25(7):1907-1912. ([BibTeX](#))
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