
Liste des productions scientifiques de Johanne Cohen

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- [1] Dominique Barth, Christian Cadéré, Johanne Cohen, and Thierry Mautor, Sandrine Vial. Learning techniques for cloud resource aggregation in cloud service broker intermediation. *International Journal of Cloud Computing*, 2016.
- [2] Mélanie Boudard, Julie Bernauer, Dominique Barth, Johanne Cohen, and Alain Denise. GARN : Sampling RNA 3d structure space with game theory and knowledge-based scoring strategies. *PLOS ONE*, 10(8) :e0136444, aug 2015.
- [3] Thomas Carli, Stéphane Henriot, Johanne Cohen, and Joanna Tomasik. A packing problem approach to energy-aware load distribution in clouds. *Sustainable Computing : Informatics and Systems*, 2015.
- [4] Johanne Cohen, Daniel Cordeiro, and Denis Trystram. Coordination mechanisms for decentralized parallel systems. *Concurrency and Computation : Practice and Experience*, 27(5) :1255–1272, 2015.
- [5] Olivier Bournez, Jérémie Chalopin, Johanne Cohen, Xavier Koeger, and Mikaël Rabie. Population protocols that correspond to symmetric games. *International Journal of Unconventional Computing (IJUC)*, 9(1-2) :5–36, 2013.
- [6] Vincent Boudet, Johanne Cohen, Rodolphe Giroudeau, and Jean-Claude König. Complexity results for scheduling problem with non trivial topology of processors. *RAIRO-Operations Research*, 46 :1–22, 2012.
- [7] Vincent Reinhard, Johanne Cohen, Joanna Tomasik, Dominique Barth, and Marc-Antoine Weisser. Optimal configuration of an optical network providing predefined multicast transmissions. *Computer Networks*, 56(8) :2097–2106, 2012.
- [8] Johanne Cohen, Daniel Cordeiro, Denis Trystram, and Frédéric Wagner. Multi-organization scheduling approximation algorithms. *Concurrency and Computation : Practice and Experience*, 23(17) :2220–2234, 2011.
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- [11] Olivier Bournez, Philippe Chassaing, Johanne Cohen, Lucas Gerin, and Xavier Koegler. On the convergence of population protocols when population goes to infinity. *Applied Mathematics and Computation*, (4) :1340–1350, 2009.

- [12] Johanne Cohen, Anurag Dasgupta, Sukumar Ghosh, and Sébastien Tixeuil. An exercise in selfish stabilization. *ACM Transactions of Adaptive Autonomous Systems (TAAS)*, 3(4) :1–12, 2008.
- [13] Dominique Barth, Johanne Cohen, Alain Denise, and Romain Rivière. Shuffling biological sequences with motif constraints. *Journal of Discrete Algorithms*, 6(2) :192–204, 2008.
- [14] Dominique Barth, Johanne Cohen, and Touafik Faik. On the b-continuity property of graphs. *Discrete Applied Mathematics*, 155(12) :1761–1768, 2007.
- [15] Dominique Barth, Johanne Cohen, and Corentin Durbach. Multicast tree allocation algorithms for distributed interactive simulation. *International Journal of High Performance Computing and Networking - IJHPCN.*, 4(3/4) :137–151, 2006.
- [16] Dominique Barth, Johanne Cohen, Lynda Gastal, Thierry Mautor, and Stéphane Rousseau. Algorithmic study of complexity of two quality-of-service packet models in an optical slotted ring network. *Journal of Optical Networking*, 5(11) :780–789, 2006.
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- [24] Johanne Cohen, Patrick Maillé, and Burkhard Stiller, editors. *Economics of Converged, Internet-Based Networks, 7th International Workshop on Internet Charging and QoS Technologies*. Lecture Notes in Computer Science. Springer, 2011.

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- [25] Johanne Cohen and Sylvie Delaët. Stabilité des arbres des plus courts chemins en présence de concurrence. *Technique et Science Informatiques*, 30(10) :1167–1189, 2011.

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- [28] Johanne Cohen and Fanny Pascual. Scheduling tasks from selfish multi-tasks agents. In *Euro-Par 2015 : Parallel Processing*, volume 9233, pages 183–195. Springer Berlin Heidelberg, 2015.
- [29] Pierre Coucheney, Kinda Khawam, and Johanne Cohen. Multi-armed bandit for distributed inter-cell interference coordination. In *IEEE International Conference on Communications (ICC)*, 2015.
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- [32] Amine Adouane, Lise Rodier, Kinda Khawam, Johanne Cohen, Tohmé, and Samir. Distributed load balancing game for inter-cell interference coordination. In *European Wireless 2014*, 2014.
- [33] Johanne Cohen, Daniel Cordeiro, and Raphael. Pedro Luis F. Energy-aware multi-organization scheduling problem. In *20th International Conference, Porto, Portugal (Euro-Par)*, volume 8632 of *Lecture Notes in Computer Science*, pages 186–197. Springer, 2014.
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- [74] Johanne Cohen and Fanny Pascual. Selfish scheduling with multiple tasks agents. In *New Challenges in Scheduling Theory*, 2010.
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- [87] Johanne Cohen, Daniel Cordeiro, and Loubna Echabbi. Detecting service provider alliances on the choreography enactment pricing game. Technical report, Technical Report, 2016.
- [88] Alexandre Dambreville, Joanna Tomasik, Johanne Cohen, and Fabien Dufoulon. Load prediction and energy-aware scheduling for clouds computing platforms. Technical report, Technical Report, 2016.
- [89] Johanne Cohen, Jonas Lefevre, Khaled Maamra, Laurence Pilard, and Devan Sohier. A self-stabilizing algorithm for maximal matching in anonymous networks. Technical report, Technical Report, 2015.

Thèse et Habilitation

- [90] Johanne Cohen Théorie des graphes, et de l'approximation pour le routage, la coloration et l'apprentissage d'équilibres Habilitation à Diriger les Recherches du Laboratoire PRiSM, Université Versailles Saint-Quentin-en-Yvelines, 7 décembre 2009.

- [91] Johanne Cohen Communications multipoints dans le modèle commuté. Thèse du Laboratoire de Recherche en Informatique (LRI), Université Paris-Sud, 14 décembre 1998.