Books


Articles in refereed publications (journals or transactions)


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**Chapters in Books**


**Articles in refereed conference or symposium proceedings (includes invited refereed papers)**


F. Lin, S. Lafortune, and C. Wang, “Diagnosability of Discrete Event Systems under Sensor Attacks,” in *Proceedings of the 22nd IFAC World Congress*, July 10-14, 2023, Japan. (7 pages)


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C127 Y.-C. Wu, K.A. Sankararaman, and S. Lafortune, “Ensuring Privacy in Location-Based Services: An Approach Based on Opacity Enforcement,” in Proceedings of the 12th International Workshop on Discrete Event Systems,” May 2014. (6 pages)


C111 S. Lima, J. Basilio, S. Lafortune, and M. Moreira, “Diagnose Centralizada de Falhas de Sistemas a Eventos Discretos Robusta à Perda Permanente de Sensores,” in *Proceedings of the 18th Brazilian Conference on Automation (CBA 2010)*, September 2010. (8 pages)


C82  W. Wang, S. Lafortune, and F. Lin, “A Polynomial Algorithm for Minimizing Communication in a Distributed Discrete Event System with a Central Station,” in *Proceedings of the 45th IEEE Conference on Decision and Control*, December 2006. (7 pages)


C76  S. Genc and S. Lafortune, “Predictability in Discrete-Event Systems under Partial Observation,” in *Proceedings of the 6th IFAC Symposium on Fault Detection, Supervision and Safety of Technical Processes - SAFEPROCESS’06*, Beijing, China, August 2006. (6 pages)


C71 S. Genc and S. Lafortune, “A Distributed Algorithm for On-line Diagnosis of Place-bordered Petri Nets”, in Proc. 16th International Federation of Automatic Control (IFAC) World Congress, Prague, Czech Republic, July 2005. (6 pages)


**Other: Selected abstracts, invited conference or workshop presentations/reports**


O24  Y.-C. Wu and S. Lafortune, “Enforcement of Opacity by Judicious Event Insertions.” Invited presentation at the Workshop in Honor of the 70th Birthday of Peter Caines, Carleton University, Ottawa, May 28, 2015.


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O1 S. Lafortune, “Interactive design of tunnel trajectories for a metro system.” Presented at the Canadian Communications and Power Conference, Montréal, Canada, October 15-17, 1980.