PUBLICATIONS of STÉPHANE LAFORTUNE
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Books


Articles in refereed publications (journals or transactions)


Kabamba, P. P. Khargonekar, S. Lafortune, J. R. Moyne, D. Teneketzis, and F. L. Terry, Jr., “Control of
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J16 N. Ben Hadj-Alouane, S. Lafortune, and F. Lin, “Variable lookahead supervisory control with state
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J15 S. L. Chung, S. Lafortune, and F. Lin, “Supervisory control using variable lookahead policies,” *Dis-

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451–472.

J13 S. L. Chung, S. Lafortune and F. Lin, “Recursive computation of limited lookahead supervisory con-
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no. 1, March 1993, pp. 71-100.

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J10 E. Chen and S. Lafortune, “On nonconflicting languages that arise in supervisory control of discrete

J9 E. Chen and S. Lafortune, “Dealing with blocking in supervisory control of discrete event systems,”

J8 S. Lafortune and F. Lin, “On tolerable and desirable behaviors in supervisory control of discrete event

J7 S. Lafortune and H. Yoo, “Some results on Petri net languages,” *IEEE Transactions on Automatic

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**Chapters in Books**


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


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. Gene 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)


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C63 S. Genc and S. Lafortune, “Distributed Diagnosis of Discrete-Event Systems Using Petri Nets,” Pro-


C61 K. Rohloff and S. Lafortune, “On the computational complexity of the verification of modular discrete-

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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.


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.