

**Adaptive LQR controller for Networked Control Systems subjected to random communication delays**

**Srinivasan, Seshadhri;** Vallabhan, Mishiga; Ramaswamy, Srin; **Kotta, Ülle** American Control Conference (ACC), 2013 : 17 - 19 June 2013, Washington, DC, USA (2013) 2013 / p. 783 - 787 <https://doi.org/10.1109/acc.2013.6579931> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Design and verification of Cyber-Physical Systems using TrueTime, evolutionary optimization and UPPAAL**

Balasubramanian, Sreram; Srinivasan, Seshadhri; Buonopane, Furio; Balasubramanian, Subathra; **Vain, Jüri;** Ramaswamy, Srin Microprocessors and microsystems 2016 / p. 37-48 : ill <https://doi.org/10.1016/j.micpro.2015.12.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Model checking response times in Networked Automation Systems using jitter bounds**

Srinivasan, Seshadhri; Buonopane, Furio; **Vain, Jüri;** Ramaswamy, Srin Computers in industry 2015 / p. 186-200 <https://doi.org/10.1016/j.compind.2015.06.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A model-based approach for design and verification of Industrial Internet of Things**

Muthukumar, Natarajan; Srinivasan, Seshadhri; Ramkumar, Kannan; **Pal, Deepak; Vain, Jüri;** Ramaswamy, Srin Future generation computer systems 2019 / p. 354-363 : ill <https://doi.org/10.1016/j.future.2018.12.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Model-based maintenance scheduling in flexible modular automation systems**

**Pal, Deepak; Vain, Jüri;** Srinivasan, Seshadhri; Ramaswamy, Srin 2017 22nd IEEE International Conference on Emerging Technologies and Factory Automation (ETFA 2017) : Limassol, Cyprus, 12 - 15 September 2017 : pages 1-678 2017 / p. 1203-1208 : ill <http://doi.org/10.1109/ETFA.2017.8247738>

**Provably correct configuration management of precision feeding in Agriculture4.0**

**Kanter, Gert; Vain, Jüri;** Srinivasan, Seshadhri; Ramaswamy, Srin 2019 IEEE International Conference on Systems, Man and Cybernetics (SMC) 2019 / p. 1631–1637 : ill <https://doi.org/10.1109/SMC.2019.8914057>