

WODES'02: accepted papers

<i>Authors</i>	<i>Title</i>
Y. Cheng, D-Z. Zheng (CN)	On the cycle time of non-autonomous min-max systems
M.A. Ayu, M. Cardew-Hall (AU)	An application of IPA approach on the optimization of a mining port stockyard system
B. Trouillet, A. Benasser, J.-C. Gentina (FR)	Transformation of the cyclic scheduling problem of a large class of FMS into the search of an optimized initial marking of a linearizable weighted t-system
E. García, F. Morant, R. Blasco-Giménez (ES)	Centralized modular diagnosis and the phenomenon of coupling
Y. Wardi, G. Riley (US)	IPA for loss volume and buffer workload in tandem SFM networks
B. Heidergott (NL)	Variability expansion for performance characteristics of (max,plus)-linear systems
B. De Schutter, T.J.J. van den Boom (NL)	Model predictive control for max-min-plus-scaling systems: efficient implementation
G. Schullerus, V. Krebs (DE)	A method for estimating the holding times in timed event graphs
J. Rosell (ES)	Local contact state space generation using colored Petri nets
B. De Schutter, T.J.J. van den Boom (NL)	Connection and speed control in railway systems: a model predictive control approach
B. Lindstrøm, L. Wells (DK)	Towards a monitoring framework for discrete-event system simulations
M.H. de Queiroz, J.E.R. Cury (BR)	Synthesis and implementation of local modular supervisory control for a manufacturing cell
R. Lüders, R. Santos-Mendes (BR)	Generalized multivariable control of discrete event systems in dioids
A. Ghariani, A.K.A. Toguyeni, E. Craye (FR)	A functional graph approach for alarm filtering and fault recovery for automated production systems
J. Liu, H. Darabi (US)	Ladder logic implementation of Ramadge-Wonham supervisory controller
Z.A. Banaszak, M. Polak (PL)	Deadlock-free distributed control for repetitive flows
A. Ghaffari, N.Rezg, X.-L. Xie (FR)	Algebraic and geometric characterization of Petri net controllers using theory of regions
H. Yu, C.G. Cassandras (US)	Perturbation analysis and optimization of a flow controlled manufacturing system
P. Bonhomme, P. Aygalinc, S. Calvez (FR)	Firing instant based approach to control time critical systems in multi-product processing
T.-S. Yoo, S. Lafortune (US)	Decentralized supervisory control: a new architecture with a dynamic decision fusion rule
F. Vázquez Abad, V. Krishnamurthy, S. Singh (AU)	Self learning admission control for multimedia wireless DS-CDMA systems
M. Lhommeau, L. Hardouin, B. Cottenceau (FR)	Disturbance decoupling of timed event graphs by output feedback controller
M.P. Fanti (IT)	A deadlock avoidance strategy for AGV systems modelled by coloured Petri nets
S. Takai, T. Ushio (JP)	Effective computation of an Lm(G)-closed, controllable, and observable sublanguage arising in supervisory control
J. Komenda (NL)	Computation of supremal sublanguages of supervisory control using coalgebra
A. Benveniste, E. Fabre, C. Jard, S. Haar (FR)	Diagnosis of asynchronous discrete event systems, a net unfolding approach
F. Vázquez-Abad, I. Baltcheva (AU)	Intelligent simulation for the estimation of the uplink outage probabilities in CDMA networks
S. Takai, T. Ushio (JP)	State feedback control of hybrid automata with forcible events
M. A. Jafari, H. Darabi, T. O. Boucher, A. Amini (US)	A distributed discrete event dynamic model for supply chain of business enterprises
E. Roszkowska (PL)	Undirected colored Petri nets for modeling and supervisory control of AGV systems
S. Rong, W.M. Wonham, J. Kurien, X. Koutsoukos (CA, US)	Distributed diagnosis for qualitative systems

T. Moor, J.M. Davoren, J. Raisch (AU, DE)	Strategic refinements in abstraction based supervisory control of hybrid systems
J.-M. Roussel, J.-M. Faure (FR)	An algebraic approach for PLC programs verification
P. Falkman, J. Nielsen, B. Lennartson (SE)	A formal mapping of static information models into dynamic models for process planning and control purposes
H. Xia, A. Trontis, Y. Pang, M. Spathopoulos (GB)	Supervisory eventuality synthesis
A. Khoumsi (CA)	Supervisory control of dense real-time discrete-event systems with partial observation
S.Haar, F. Simonot-Lion, L. Kaiser, J.Toussaint (FR)	Equivalence of timed state machines and safe TPN
R.S. Sreenivas (US)	On minimal representations of Petri net languages
A.E.C. da Cunha, J.E.R. Cury, B.H. Krogh (BR, US)	An assume-guarantee reasoning for hierarchical coordination of discrete event systems
R.K. Boel, J.H. van Schuppen (BE, NL)	Decentralized failure diagnosis for discrete-event systems with constrained communication between diagnosers
L.E. Holloway, A.S. Khare (US)	Computing bounds for forbidden state reachability functions for controlled Petri nets
I. Romanovski, P.E. Caines (CA)	Multi-agent product systems: analysis, synthesis and control
A. Hellgren, B. Lennartson, M. Fabian (SE)	Modelling and PLC-based implementation of modular supervisory control
L. Aguirre, O. Begovich, A. Ramirez (MX)	Observability with respect to a language in discrete event systems modeled by IPN
A. Khatab, E. Niel (FR)	State feedback stabilizing controller for failure recovery timed discrete event systems
B. Gaujal, E. Hyon (FR)	Optimal routing policies in deterministic queues in tandem
S.L. Ricker (CA)	A Discrete-Event Systems Approach to Communication Induced Checkpointing
M. Giordano, F. Martinelli, P. Valigi (IT)	The effect of finite buffers on the optimal safety stock for unreliable systems.
J. Sadr, R. Malhame,(CA)	Unreliable transfer line throughput maximization
A. Di Febbraro, D. Giglio, R. Minciardi, S. Sacone (IT)	Optimization of manufacturing systems modelled by timed Petri nets
J. Merseguer, S. Bernardi, J. Campos, S. Donatelli (ES, IT)	A compositional semantics for UML state machines aimed at performance evaluation
T.-E. Lee, J.-W. Seo, S.-H. Park (KR)	An extended event graph with negative places and negative tokens for time window constraints
A. Giua, C. Seatzu (IT)	Liveness enforcing supervisors for railway networks using ES2PR Petri net
A. Bemporad, A. Giua, C. Seatzu (IT)	An Iterative Algorithm for the Optimal Control of Continuous-Time Switched Linear Systems
S.Tripakis (FR)	Decentralized control of discrete event systems with bounded or unbounded delay communication