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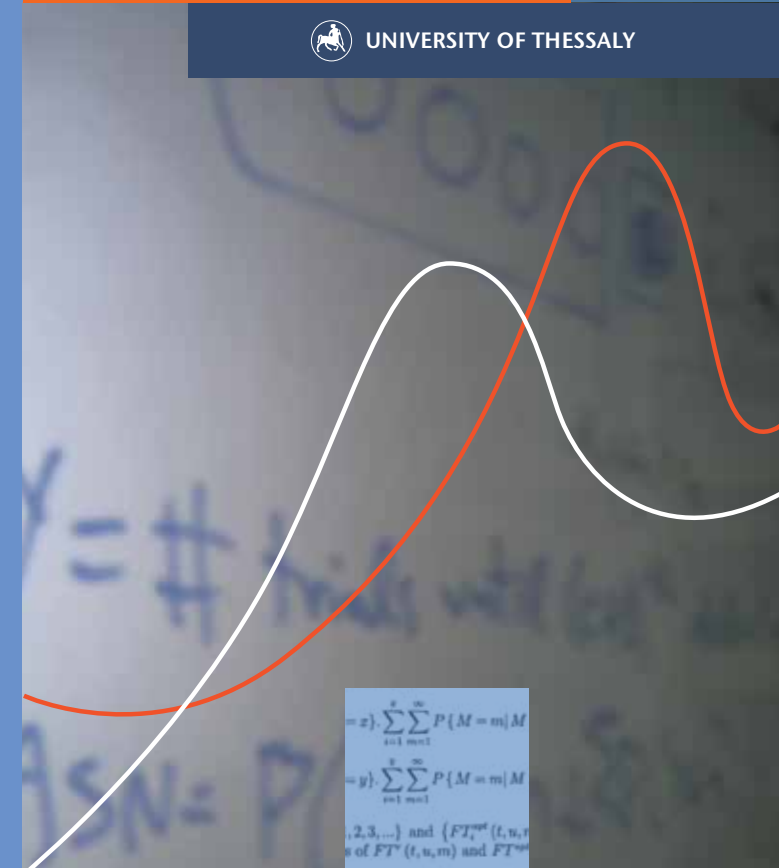
SMMSO 2015

10th conference on stochastic models of
manufacturing and service operations

June 1-6, 2015, Volos, Greece



UNIVERSITY OF THESSALY



10th Conference on Stochastic Models of Manufacturing and Service Operations (SMMSO 2015) – Conference Program

Monday June 1		08:30 - 09:00	A. N. Burnetas, <i>Customer equilibrium strategies in a feed forward queueing network with join topology</i>	11:30 - 20:30	Tour of Mt Pelion including ride on heritage "Little Train" of Pelion and lunch in Milies village
18:30 - 19:15	Registration	09:00 - 09:30	A. Economou, M. Grigoriou - <i>Strategic balking behavior in a queueing system with a mixed observation structure</i>	20:30 – 21:30	Dinner at Xenia Hotel *
19:15 - 20:15	Session MO.1: Conference opening & Invited talk	09:30 - 10:00	A. Manou, P. Canbolat, F. Karaesmen - <i>The effects of information in transportation systems with strategic customers</i>	Friday June 5	
19:15 - 19:30	G. Liberopoulos - <i>Conference opening</i>	10:00 - 10:30	C. Öz, F. Karaesmen - <i>On a production/inventory system with strategic customers and unobservable inventory levels</i>	08:30 - 10:30	Session FR.1: Supply chains (B. Tan)
19:30 - 20:15	J. G. Shanthikumar - <i>Decentralized control of a stochastic multi-agent service system with privacy-preserving data analysis</i>	10:30 - 11:00	Coffee break	08:30 - 09:00	O. Karabağ, B. Tan - <i>Modelling and analysis of the operation of group purchasing organizations and their effect on buyers and suppliers under demand and price uncertainty</i>
20:15 - 21:00	Welcome drink at Xenia Hotel	11:00 - 13:00	Session WE.2: Strategic customers cont'd; Queueing-polling systems (K. Furmans)	09:00 - 09:30	D. Zisis, G. Ioannou, A. Burnetas - <i>Quantity discounts in supply chain coordination under multi-level information asymmetry</i>
21:00 - 22:30	Dinner at Xenia Hotel *	11:00 - 11:30	G. Panda, V. Goswami, A. D. Banik - <i>Equilibrium abandonment strategies in a cloud management system (CMS): A queueing approach</i>	09:30 - 10:00	V. Vrisagotis, M. Geranios, M. Vidalis - <i>The effect of supplier interruptions on a merge supply network. Comparison between Coxian and exponential approaches</i>
Tuesday June 2		11:30 - 12:00	I. Dimitriou, <i>On a two coupled processor system with negative customers</i>	10:00 - 10:30	M. Vidalis, S. Koukoumialos, A. Diamantidis, G. Blanas - <i>Performance evaluation of a merge supply network: A production centre with multiple different reliable suppliers</i>
08:30 - 10:30	Session TU.1: Production systems (H. Tempelmeier)	12:00 - 12:30	F. Bursi, E. Gebennini, A. Grassi, B. Rimini - <i>Analytical modeling of part supply process in a bin-kanban system with logistic trains</i>	10:30 - 11:00	Coffee break
08:30 - 09:00	S. Weiss, J. A. Schwarz, R. Stolletz - <i>Buffer allocation problems for stochastic flow lines with unreliable machines</i>	12:30 - 13:00	M. Rimmele, K. Furmans, M. Epp - <i>Discrete-time analysis of a 4-way-crossing in conveying systems under the dispatching policy round robin</i>	11:00 - 13:00	Session FR.2: Time-related distributions (S. B. Gershwin)
09:00 - 09:30	C. Zhao, J. Li, N. Huang - <i>Analysis of flexible serial lines with setups</i>	13:00 - 15:00	Lunch at Xenia Hotel *	11:00 - 11:30	C. Shi, S. B. Gershwin - <i>Lead time distribution of three-machine two-buffer lines with unreliable machines and finite buffers</i>
09:30 - 10:00	P. Pagani, T. Tolio, K. Furmans - <i>An analytical model to determine the reaction levels in lean production systems</i>	15:00 - 16:30	Session WE.3: Simulation (G. Liberopoulos)	11:30 - 12:00	M. Colledani, A. Angius, A. Horvath, S. B. Gershwin - <i>Lead time dependent product deterioration in manufacturing systems with serial, assembly and closed-loop layout</i>
10:00 - 10:30	T. Hilger, J. Mindlina, H. Tempelmeier - <i>Analysis of a closed flow production system with a dynamic WIP level</i>	15:00 - 15:30	A. Matta, N. Li, Z. Lin, J. G. Shanthikumar - <i>Operational learning of approximate analytical methods for performance evaluation of manufacturing systems</i>	12:00 - 12:30	S. Lagershausen, B. Tan - <i>On the exact inter-departure and inter-start time distribution of closed queueing networks subject to blocking</i>
10:30 - 11:00	Coffee break	15:30 - 16:00	G. Pedrielli, Y. Zhu, L. H. Lee - <i>Single-run simulation optimization through time dilation and optimal computing budget allocation</i>	12:30 - 13:00	M. Epp, J. Stoll, S. Scherer, P. Pagani, K. Furmans - <i>A decomposition approach for the calculation of the cycle time distribution of closed queueing systems</i>
11:00 - 13:00	Session TU.2: Markov chain models (H. Kuhn)	16:00 - 16:30	A. Rotondo, P. Young, J. Geraghty, G. Dagkakis, C. Heavey - <i>Embedding optimization with discrete event simulation</i>	13:00 - 15:00	Lunch at Xenia Hotel *
11:00 - 11:30	G. C. Mytalias, M. A. Zazanis - <i>Flow modulating effects of inspection stations in manufacturing lines</i>	16:45 - 18:00	Visit at N&S Tsalapatas Rooftile & Brickworks Museum	15:00 - 17:00	Session FR.3: Queueing networks (J. M. Smith) & Conference closing
11:30 - 12:00	H. Kuhn, T. Wensing, M. G. Sternbeck - <i>Evaluation of case-pack sizes in grocery retailing using a Markov Chain approach</i>	20:00 - 22:30	Dinner at seafood meze & tsipouro restaurant in Volos	15:00 - 15:30	K. Wu, N. Zhao - <i>Dependence among single queues in series</i>
12:00 - 12:30	S. Yeralan, Ö. Büyükdagli - <i>The ontology of large-scale Markovian models</i>	Thursday June 4		15:30 - 16:00	K. Furmans, T. Schmidt, I. Meinhardt, M. Epp, M. Rimmele - <i>Analytical computation of sojourn time distributions in large-scale conveyer systems</i>
12:30 - 13:00	G. Liberopoulos, K. Takoumis, D. G. Pandelis - <i>Using shadow prices in a linear programming representation of kanban system dynamics to maximize system throughput</i>	08:30 - 10:00	Session TH.1: Math programming (C. Papadopoulos)	16:00 - 16:30	J. M. Smith, <i>Closed finite queueing network models with general service time distributions</i>
13:00 - 15:00	Lunch at Xenia Hotel *	08:30 - 09:00	N. Vandaele, C. Decouttere, G. J. Hahn, T. Sens - <i>A multi-criteria contract manufacturing approach in a stochastic manufacturing environment</i>	16:30 - 17:00	Scientific Committee - <i>Conference Closing</i>
15:00 - 16:30	Session TU.3: Control policies (M. Fadiologlu)	09:00 - 09:30	E. Chrysochoou, A. Ziliaskopoulos - <i>Stochastic inventory routing problem with transshipment recourse action</i>	18:45 – 23:00	Dinner in Kala Nera village
15:00 - 15:30	H. Van Oijen, Will Bertrand - <i>Coordinating failed goods collecting policies and repair capacity policies in the maintenance of commoditized capital goods</i>	09:30 - 10:00	K. Taxakis, C. Papadopoulos - <i>A design model and a production-distribution and inventory planning model of a multi-node, multi-product supply chain network</i>	Saturday June 6	
15:30 - 16:00	M. M. Fadioloğlu, Ö. Büyükdagli - <i>Continuous time control of tandem production lines</i>	10:15 - 11:30	Visit at Archaeological Museum of Volos	08:00-12:30	Shuttle bus to Athens Int'l Airport
16:00 - 16:30	D. Konstantas, E. Grigoroudis, V. S. Kouikoglou, S. Ioannidis - <i>A simple model of the effects of quality on market share and profitability in single stage manufacturing systems</i>				
18:15 – 23:00	Visit and dinner in Makrinitza & Portaria villages				
Wednesday June 3					
08:30 - 10:30	Session WE.1: Queueing systems with strategic customers (F. Karaesmen)				

* Covered by the participants