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**Fortaleza, Ceara, Brazil
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Editors:

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K Y6 H%	Room 1
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Co-Chair: Gharbi, Safa	Ec. centrale de Lille
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Pereira Guimarães, William (Federal Univ. of Uberlândia), Ferreira, Marco Vinícius (UFU - Univ. Federal de Uberlândia (Federal Univ. of)), Tavares, José Jean P Z S (UFU)

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Co-Chair: Li Min, Li	Univ. OF CAMPINAS
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Chair: da Silva, Jorge	Center for Information Tech. Renato Archer
Co-Chair: Rezende, Rodrigo	Center for Information Tech. Renato Archer
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Co-Chair: Alla, Hassane	UJF
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New Technologies: 3D Printing and Virtual Prototyping - Part 2 (Regular Session)	
Chair: da Silva, Jorge	Center for Information Tech. Renato Archer
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Chair: Suguiy, Takao	CTI Renato Archer
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Technical Program for Friday September 13, 2013

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Chair: Vernadat, François	European Court of Auditors
Co-Chair: Molina, Arturo	Tecnologico de Monterrey
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Baroni, Adriano Leonardo (Pontifical Catholic Univ. of Parana), Deschamps, Fernando (Pontifical Catholic Univ. of Parana), Pinheiro de Lima, Edson (Pontifical Catholic Univ. of Parana), Santos, Eduardo Alves Portela (Pontifical Catholic Univ. of Parana), Rocha Loures, Eduardo (Pontifical Catholic Univ. of Paraná)	
11:10-11:35	FrAT1.3
<i>Value-Risk Graph: A Decision-Making Tool for Supply Chain and Industrial System Engineering (I)</i> , pp. 414-419.	
Shah, Liaqat-Ali (Ec. des Mines de Nantes), Vernadat, François (European Court of Auditors), Etienne, Alain (Arts et Métiers ParisTech Centre Metz), Siadat, Ali (Arts et Métiers ParisTech)	
11:35-12:00	FrAT1.4
<i>Global Model for the Management of Operating Modes in Discrete Event Systems</i> , pp. 420-426.	
Kadri, Hela (LIP2 Lab. Univ. of Tunis El Manar, Tunis), Zairi, Sajeh (LIP2 Lab.), Zouari, Belhassen (FST Tunis)	
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Analytics and Optimization in Industry (Regular Session)	
Chair: Cavalcante, Victor	IBM Res.
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<i>Theoretical Aspects of the Integrated Route Planning Problem (I)</i> , pp. 427-432.	
Cardonha, Carlos Henrique (IBM Res. - Brazil), Herrmann, Ricardo Guimarães (IBM Res. - Brazil), Avegliano, Priscilla Barreira Avegliano (IBM Res. - Brazil)	
10:45-11:10	FrAT2.2
<i>A Resource Constrained Project Scheduling Problem with Bounded Multitasking (I)</i> , pp. 433-437.	
Cavalcante, Victor (IBM Res.), Cardonha, Carlos Henrique (IBM Res. - Brazil), Herrmann, Ricardo Guimarães (IBM Res. - Brazil)	
11:10-11:35	FrAT2.3
<i>Strategic Project Planning: Optimal Contracting and Resource Allocation (I)</i> , pp. 438-442.	
Flach, Bruno (IBM Res. - Brazil), Mendes, Carlos Raoni (IBM Res. - Brazil, PUC-Rio)	
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<i>Social Network Analyses in Organizations: Challenges and Approaches for Studying Work Networks (I)</i> , pp. 443-448.	
Appel, Ana Paula (IBM Res.), de Santana, Vagner (IBM Res. Brazil), de Paula, Rogério (IBM Res. Brazil), Pinhanez, Claudio (IBM Res. Brazil), Cavalcante, Victor (IBM Res.)	
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Multi-Cultural & Inter-Disciplinary – the Challenge of Logistical Research and Education (Regular Session)	
Chair: Rügge, Ingrid	Univ. of Bremen
Co-Chair: Senna, Eliana Terezinha Pereira	UNICAMP
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<i>Resources in Logistics - a Multidisciplinary Challenge</i> , pp. 449-455.	
Lloyd, Chanaka (Univ. of Bremen), Pötsch, Thomas (Univ. of Bremen), Sanghyuk, Yi (Univ. of Bremen), Zuniga, Raul (Univ. of Bremen), Safaei, Mehdi (Univ. of Bremen), Issa, Safir (Univ. of Bremen), Rügge, Ingrid (Univ. of Bremen)	
10:45-11:10	FrAT3.2
<i>Coping with Multi-Dimensional Diversity in Logistics Education</i> , pp. 456-462.	
Rügge, Ingrid (Univ. of Bremen), Klempien-Hinrichs, Renate (Univ. of Bremen)	
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<i>The Challenge of Teaching Business Logistics to International Students (I)</i> , pp. 463-470.	
Senna, Eliana Terezinha Pereira (UNICAMP), Senna, Luiz Afonso dos Santos (UFRGS), Mozart da Silva, Rafael (UNICAMP)	
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<i>Learning Supply Chain Management by PBL with A3 Report Support</i> , pp. 471-477.	
Silva Filho, Oscar Salviano (Centro de Tecnologia de Informação - Renato Archer), Calado, Robisom D. (USF, School of Engineering Production)	

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Chair: Hennet, Jean-Claude	LSIS Information and Systems Science Lab.
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Dias, José Ricardo da Silva (Univ. Federal de Minas Gerais), Maia, Carlos Andrey (Univ. Federal de Minas Gerais), Lucena, Vicente (UFAM)	
13:55-14:20	FrBT1.2
<i>Supervisory Controller Design to Enforce Basic Properties in Timed-Place Petri Nets</i> , pp. 486-492.	
Aybar, Aydin (Anadolu Univ.), Iftar, Altug (Anadolu Univ.)	
14:20-14:45	FrBT1.3
<i>A Model Predictive Control Approach for Fab-Wide Scheduling in Semiconductor Manufacturing Facilities</i> , pp. 493-498.	
Jang, Hong (Korea Advanced Inst. of Science and Tech.), Jung, Tae Yeong (Korea Advanced Inst. of Science and Tech.), Yeh, Kevin (Georgia Inst. of Tech.), Lee, Jay H. (KAIST)	
14:45-15:10	FrBT1.4
<i>Design of Reconfigurable Manufacturing Control Applied in a Material Handling Production System Using Petri Nets</i> , pp. 499-504.	
Campos, Joao Thiago de Guimaraes Anchieta e Araujo Campos (Univ. Estadual de Santa Cruz - UESC), Santos, Carlos Cezar Rodrigues Santos (Univ. Estadual de Santa Cruz - UESC), Souza, Carlos Heitor Filgueiras de Souza (Univ. Estadual de Santa Cruz - UESC), Silva, Robson Marinho (Univ. Estadual de Santa Cruz - UESC)	
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Supply Chain 3 (Regular Session)	
Chair: Negreiros, Marcos José	Univ. Estadual do Ceará
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Costa Affonso, Roberta (LISMMA), Liu, Yan (Faculty of Mathematics, Computing and Tech. The Open Univ.), Zolghadri, Marc (Supmecca-Paris)	
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<i>A Model for Evaluating Logistics Services Providers: Case Study in a Chilean Chemical Company</i> , pp. 511-516.	
Sepulveda Salas, Juan M. (Univ. de Santiago de Chile)	
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<i>Duty Drawbacks and Anticipated Effect of Duty Rate Changes</i> , pp. 517-522.	
Haentsch, Marius (Daimler AG), Huchzermeier, Arnd (Otto Beisheim School of Management)	
14:45-15:10	FrBT2.4
<i>Integrated DSS Tools for Routing, Tracking and Drivers Assistance in Wholesale – SisRot®, Cherry/Zeus-Track®</i> , pp. 523-526.	
Negreiros, Marcos José (Univ. Estadual do Ceará), Palhano, Augusto Wagner (GRAPHVS Cons Com & Rep Ltda), Rodrigues, João Amílcar (Univ. Estadual do Ceará), Chaves, Bruno Bezerra (Univ. Estadual do Ceará), Albuquerque, Ivo Coelho (Univ. Estadual do Ceará), Souza, Luiz Prudêncio (Univ. Estadual do Ceará)	
FrBT3	Room 3
Organizational Engineering and the New Challenges of Sustainability: Innovation for Clean Production and Quality of Life in Company (Regular Session)	
Chair: Silveira, Marco	CTI - Centro de Tecnologia da Informação - Renato Archer
Co-Chair: Gardim, Nanci	CTI - Centro de Tecnologia da Informação - Renato Archer
13:30-13:55	FrBT3.1
<i>The Interrelation between Sustainability and Green Logistics</i> , pp. 527-531.	
El-Berishy, Nagham (Univ. of Bremen), Rügge, Ingrid (Univ. of Bremen), Scholz-Reiter, Berned (Univ. of Bremen)	
13:55-14:20	FrBT3.2
<i>Dynamization of Learning for Sustainability in the Electronics Industry: Studies in Electromedical Equipment Manufacturers</i> , pp. 532-537.	
Kikuchi, Leticia (CTI Centro de Tecnologia da Informação Renato Archer), Gardim, Nanci (CTI - Centro de Tecnologia da Informação - Renato Archer), Policeno, Cristiani (CTI - Centro de Tecnologia da Informação - Renato Archer), Silveira, Marco (CTI - Centro de Tecnologia da Informação - Renato Archer)	
14:20-14:45	FrBT3.3
<i>Evaluating Performance of Production Scheduling from an Economic Perspective</i> , pp. 538-545.	
Mapokgole, Johannes (Univ. of Johannesburg)	

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<i>Innovating in Sustainable Management Processes for Dealing with Cultural Diversity</i> , pp. 546-552.	
Dutra, Cleber José Cunha (Univ. of Fortaleza - UNIFOR), Mazza, Adriana Carla Avelino (Univ. of Fortaleza - UNIFOR)	

FrCT2	Room 2
Planning & Design (Regular Session)	

Chair: Crisóstomo, Manuel Marques	Inst. of Systems and Robotics - Univ. of Coimbra
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Use of the Lean Product Development Approach by Capital Goods Companies in Brazil, pp. 553-558.

Dal Forno, Ana Julia (UFSC - Santa Catarina Federal Univ.), Forcellini, Fernando Antonio (Federal Univ. at Santa Catarina), Miranda, Rodrigo (Univ. Federal de Santa Catarina), Bornia, Antonio Cezar (Federal Univ. at Santa Catarina)

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Design and Simulation Based Assessment of Lean Material Flows Considering Imprecision, pp. 559-564.

Rößler, Markus Philipp (Inst. of Production Management, Tech. and Machine Tools), Wolff, Manuel (Tech. Univ. Darmstadt, Inst. for Production Manag)

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Demand Forecasting for Blood Components Distribution of a Blood Supply Chain, pp. 565-571.

Silva Filho, Oscar Salviano (Centro de Tecnologia de Informação - Renato Archer), Carvalho, Marcelo Addas (Centro de Hematologia e Hemoterapia da Unicamp), Cezarino, Wagner (Renato Archer Res. Center), Da Silva, Ralph Santos (Centro de Tecnologia da Informação), Salviano, Giselle Rebelo (PUC-SP)

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Position and Anti-Collision Algorithms for a 3D Hyper-Redundant Robot, pp. 572-576.

Coimbra, A. Paulo (Inst. of Systems and Robotics - Univ. of Coimbra), Crisóstomo, Manuel Marques (Inst. of Systems and Robotics - Univ. of Coimbra), Ferreira, João P. (Dept. of Electrical Engineering, Superior Inst. of Engineeri)

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Benchmarking: A Tool for the Improvement of Production Management, pp. 577-581.

Passos, Carlos Alberto dos Santos (Centro de Tecnologia da Informação Renato Archer), Haddad, Rosana B. B. (CTI)

FrCT3	Room 3
Scheduling and Management (Regular Session)	

Chair: Thomaz, Antonio Clecio Fontelles	UECE
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High Performance Scheduling Simulator, pp. 582-589.

Lanetzki, Pedro Paulo (NETZ INFORMÁTICA LTDA.), Lanetzki Kozara, Luana (NETZ INFORMÁTICA LTDA)

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Case Studies Using High Performance Scheduling Simulator, pp. 590-597.

Lanetzki, Pedro Paulo (NETZ INFORMÁTICA LTDA.), Lanetzki Kozara, Luana (NETZ INFORMÁTICA LTDA)

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PATHFIND: Minimizing the Logistics Costs in Urban Centers, pp. 598-601.

Bermeijo, Douglas (Control Informática)

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GERAM: Building Sustainable Enterprises, pp. 602-607.

Franco dos Reis Alves, Daniel (Univ. Estadual Paulista), Campos, Renato (UNESP), Bernardi de Souza, Fernando (Univ. Estadual Paulista)

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Discussion of Some Recent Empirical Research on Integration, Uncertainty and Their Influence on Performance, pp. 608-614.

Sagawa, Juliana (Federal Univ. of São Carlos), Nagano, Marcelo (Univ. of São Paulo - School of Engineering of São Carlos)