



7th International Conference on

Business Sustainability – BS'17

Management, Technology and Learning for Individuals, Organisations and Society in Turbulent Environments

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6th International Conference on

Virtual and Networked Organizations – ViNOrg'17

Emergent Technologies and Tools

Joint Conferences Programme

Wednesday, November 15th

8:30	Registration	
10:00	Opening session	
10:30	Keynote 1: <i>SMEs powered by High Performance Computing (HPC)</i> Dr. Andrés Gómez, Applications & Projects Department Manager. The Supercomputing Centre of Galicia - CESGA, Spain	
11:30	Coffee break	
12:00	<p>Parallel sessions</p> <p>Room 1</p> <p><i>Analyses of the team performance model in the context of team size</i> kei Sato</p> <p><i>The lot sizing problem: review of existing methods - Approach to an educational tool</i> Wilson Florim, Paulo Dias, André Santos, João Bastos, Leonilde Varela, Ana Madureira</p> <p><i>Is research truly hard? A proof of concept framework used for decision making in Information Systems studies</i> Piedade Carvalho</p> <p><i>Determinants of EPSS perceived adoption and use by dental students and dentists</i> Piedade Carvalho</p> <p><i>Circular Economy: does ISEP – P. Porto population “walk the talk”?</i> Luís Fonseca, José Domingues, Florinda Martins, Manuel Lopes</p>	<p>Room 2</p> <p><i>Multi-Product Distribution</i> Bruno Cretú, Dalila Fontes</p> <p><i>Improvement in the flow of materials in the painting section of an Industrial Company</i> Luís Ferreirinha, Teresa Pereira, Luís Pinto Ferreira</p> <p><i>Analysis and improvement of internal logistic flows at an Industrial Company</i> Sara Batista, Teresa Pereira, Luís Pinto Ferreira</p> <p><i>Study and reorganization of the handling devices at a cable company</i> Raquel Silva, Teresa Pereira, Luís Pinto Ferreira</p> <p><i>Evaluation and improvement of existing Bus Transit network: A global review</i> Igor Brilenkov, Maria Sameiro Carvalho, José Telhada, António Paisana</p>
13:00	Lunch	
14:30	<p>Parallel sessions</p> <p>Room 1</p> <p><i>Immersive Technologies in Robotic Teleoperation</i> Francesco Chinello, Konstantinos Koumaditis, Lauris Smukulis</p> <p><i>B2C last mile logistics:Trends and gaps - A review</i> Morteza Dahmardeh, José Telhada, Maria Sameiro Carvalho, António Paisana</p>	<p>Room 2</p> <p><i>Implementation of an Integrated Performance Management System in a Food Industry Company</i> Luís Correia, João Bastos, Paulo Ávila</p> <p><i>Improvement of a food industry distribution process – a case study</i> Ricardo Bertoluci, João Bastos, Manuel Lopes</p>

	<p><i>Capacity Development Programs on Sustainability for SMEs</i> Olamide Oguntoye, Steve Evans</p> <p><i>Innovators 5-forces-approach to increase the accuracy of technological SME-Innovations</i> Dennis Bakir, Florian Engels, Jennifer Bakir</p> <p><i>Optimising store operations - Case study Leroy Merlin - Portugal</i> Raquel Peixoto, António Ramos</p>	<p><i>Thermoplastic Matrix Composites - New Generation of Eco-Friendly Materials</i> Púria Esfandiari, J. F. Silva, P. J. Novo</p> <p><i>Entrepreneurship education and training in Polytechnic of Porto: Engineering Students' perception.</i> Teresa Pereira, Rafael Pedrosa, P. Baylina</p> <p><i>A Knowledge Platform for Transferring Research and Innovation into Footwear Manufacturing</i> Carlos Vaz de Carvalho, Maria Macedo, Rita Souto, Aura Mihai</p>
16:00	Coffee break	
16:30	<p>Parallel sessions Room 1</p> <p><i>Management of Work Orders in SME's and Low technology Production Systems for Different Work-in-Progress and Planning Scenarios</i> Zorica Veljkovic, Slobodan Radojevic, Vesna Brkic, Biljana Katalinic, Ivan Rakonjac</p> <p><i>A codification system roadmap</i> Carlos Lemos, Teresa Pereira, Francisco Silva</p> <p><i>A contribution to integration of process planning and production planning and control: On definitions and relationship between process plans, operations, orders, jobs and tasks</i> Goran D. Putnik, Catia Alves</p> <p><i>Application of Lean Production Principles to improvement of a company' multibrand channel distribution</i> Tiago Silva, Teresa Pereira, Luís Pinto Ferreira</p> <p><i>Application of Lean Production Principles for Quality Improvement of Production Processes in a Cardboard Company</i> Marcelo Azevedo, Teresa Pereira, Francisco Silva</p>	<p>Room 2</p> <p><i>The Peter Principle and the limits of our current understanding of organizational incompetence</i> Ghinea Valentina Mihaela, Cantaragiu Ramona, Dima Mihaela, Ghinea Mihalache</p> <p><i>Digitalization and cybernation of work: challenges and threats for engineer-to-order industrial enterprises</i> Borut Rihtaršič, Alojzij Sluga, Peter Butala</p> <p><i>Promoting sustainability awareness and technical competence development using an active learning constructivist approach: The project Boats4Schools</i> Luís Rocha, Cláudia Fernandes, Paulo Gil, Fabiana Mei</p> <p><i>Fostering the Digital Transformation of Rural Areas Through e-Commerce</i> Carlos Vaz de Carvalho, Maria Macedo, Jaione Santos, Belén Gonzalez</p> <p><i>Being a Manager in an Efficient and Innovative Leather Company</i> Carlos Vaz de Carvalho, Maria Macedo, Alcino Moutinho, Dimos Papakonstatinou</p>

20:00 Welcome reception cocktail

Thursday, November 16th

9:30	<p>Parallel sessions Room 1</p> <p><i>Textile Calendering Process Improvement – a case study</i> Telmo Castro, Manuel Lopes, José Sá</p> <p><i>Modelling and simulation of a vertical transporter applied on a case study</i> Marcelo Henriques, António Vieira, Luís Dias, Guilherme Pereira, José Oliveira</p> <p><i>Creating indexes from the European Union Farm Accountancy Data Network database: Agricultural Business and Sustainability</i> Vitor Martinho</p> <p><i>European companies and economic growth - A costatis approach towards business sustainability in turbulent environments</i> António Santos, Nelson Silva, Guilherme Castela</p> <p><i>Urban and reverse logistics - An application to commercial areas</i> Sergio Rubio, Beatriz Jiménez-Parra, Juan Sicilia</p> <p><i>Energy Efficiency Metrics to Data Centers</i> Pedro Brandão</p> <p><i>Wings+: Large scale metrology training project for Aeronautic Industry</i> Luis Rocha, Michael Marxer, Paul Bills, Enrico Savio</p> <p><i>Concurrent Engineering Aspects in Industry 4.0</i> Emmanuel Francalanza, Jonathan Borg, Carmen Constantinescu</p>	<p>Room 2</p> <p><i>How advanced coatings can solve stamping problems</i> Liliana Fernandes, Francisco J. G. Silva, Olga Paiva, Andresa Baptista, Gustavo Pinto</p> <p><i>Study on the mitigation of pop-cork production problems</i> Sasi Kumar, Francisco Silva, Luís Pinto Ferreira, Maria Pereira</p> <p><i>Improvements on the wheelbarrow manufacturing processes and operations</i> Ricardo Sousa, Ronny Gouveia, Francisco Silva, Maria Pereira, Luís Pinto Ferreira</p> <p><i>Improving the weldability of high-strength ductile cast irons</i> Lucas Pereira, Ronny Gouveia, Francisco Silva, Olga Paiva</p> <p><i>Study on the weldability of SiboDur 450 cast iron</i> Luiz Silva, Ronny Gouveia, Francisco Silva, Olga Paiva</p> <p><i>Improving the mobility of high loads in restricted spaces</i> Fábio Pimenta, Ronny M. Gouveia, Francisco J. G. Silva, Raul D. S. G. Campilho</p> <p><i>Lean tools applied to trimmings industry</i> Patrícia Neves, Francisco Silva, Maria Costa, Maria Pereira, Luís Pinto Ferreira</p> <p><i>Investigations on the fracture of dual phase steels under complex deformation processes</i> Carlos Silva, Francisco Silva, Ronny Gouveia</p>
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11:30	Coffee break	
12:00	Round table 1: <i>Super-computation in SMEs: problems and solutions for implementations and use</i> Moderator: Prof. Goran Putnik, University of Minho, Portugal	
13:00	Lunch	
14:30	Touristic Tour	Informal meetings – collaboration and joint projects
20:00	Conference dinner	

Friday, November 17th

9:30	Keynote 2: <i>Open Innovation: a strategy for SMEs</i> Prof. Isabel Ramos, University of Minho, Portugal	
10:30	Round table 2: <i>Open Innovation: short time-to-market</i> Moderator: Eng. Luis Rocha, CATIM, Portugal	
11:30	Coffee break	
12:00	<p>Parallel sessions</p> <p>Room 1</p> <p><i>A literature review about future prospects of supplier development</i> Luiz Ayres, Antonio Araujo Junior, José Telhada, Paulo Sampaio, Maria Sameiro Carvalho</p> <p><i>Sustainability Index under the Circular Economy to the sector of Biomass</i> B. Santos, L. Nunes, S. Azevedo, J. Matias</p> <p><i>Influence of supply chain management practices on corporate sustainability: Proposal of a conceptual model considering tensions among TBL dimensions</i> Elisabete Correia, Susana Azevedo, Helena Carvalho</p> <p><i>Algorithm of a costing system for electroplating</i> António Pires, Fábio Ferreira, Paulo Ávila</p> <p><i>Intelligent Logistics Management in Industry 4.0: An Application in An Intelligent Vehicle</i> Hélio Castro, César Menezes, Goran Putnik, Luís Ferreira, Manuela Cunha, Vaibhav Shah, Cátia Alves, Nuno Lopes</p>	<p>Room 2</p> <p><i>Supplier Evaluation and Selection - A Group Decision-Making Model</i> Simonov Kusi-Sarpong, Leonilde Varela, Goran Putnik, Paulo Ávila, John Agyemang</p> <p><i>Schoolwork – A responsive Information System for knowledge sharing, to help solve exam questions in higher education institutions</i> Margarida Ventura, Ângela Oliveira, Filipe Fidalgo</p> <p><i>Design of a Sales and Operations Planning (S&OP) Process – Case Study</i> Daniela Lima, Paulo Ávila, João Bastos, Alzira Mota, Goran Putnik</p> <p><i>Improvement of the production planning and control in a complex production system – a case study</i> Ana Silva, Paulo Ávila, António Pires, João Bastos, Alzira Mota</p> <p><i>Smart cities development using quality approach in constraint conditions</i> Slavko Arsovski, Zora Arsovski, Ivan Milosevic</p>
13:00	Lunch	
14:30	<p>Parallel sessions</p> <p>Room 1</p> <p><i>Characterizing networked production</i> Goran D. Putnik, Catia Alves</p> <p><i>Blockchain Technology to Support Ubiquitous and Virtual Enterprises dynamics in Meta-Organisations</i> Hélio Castro, Goran Putnik, Manuela Cunha, Luís Ferreira, Vaibhav Shah, Cátia Alves</p> <p><i>Fhirbox - clinical observations integration system</i> Nuno Alves, Luís Ferreira, Daniela Vinhas, Nuno Lopes, Joaquim Silva, Manuela Cunha</p> <p><i>Enterprise interoperability through a cloud-based services hub</i> Hugo Lourenço, Joaquim Silva, Luís Ferreira, Nuno Lopes, Manuela Cunha</p> <p><i>Determination of the optimal flow based on fuzzy linear programming – a supply chain issues</i> Danijela Tadic, Snezana Nestic, Aleksandar Aleksic</p>	<p>Room 2</p> <p><i>Validation of the eXtended Finite Element Method for the strength prediction of T-joints</i> F. Moreira, R. Campilho, R. Rocha</p> <p><i>Numerical optimization of adhesive joints subjected to impact</i> J.Valente, R. Campilho, E. Marques, J. Machado, L. Silva</p> <p><i>Determination of the fracture toughness of structural adhesives by the Asymmetric Tapered Double-Cantilever Beam (ATDCB) test</i> F. Nunes, R. Campilho, R. Rocha</p> <p><i>Numerical parametric study of tubular adhesive joints under tensile loads</i> L. Ferreira, R. Campilho, D. Barbosa, R. Rocha</p> <p><i>Experimental and numerical comparison by cohesive zone models of various types of adhesive joints</i> N. Barbosa, R. Moreira, R. Campilho, F. Silva, D. Silva</p>

The social impacts of additive manufacturing technology
André Ribeiro, João Lúcio, Celeste Jacinto, Helena
Carvalho

*Eye movements and end-user performance in web
development tools*
Protogeros Nicolaos, Tzafilkou Katerina,
KoumpisAdamatios

16:00 2100 Projects Association - A vision: Learning, Freedom, Responsibility

16:30 Closing session

16:45 Coffee break