Second International Conference on
Business Sustainability, 2011
Management, Technology and Learning for Individuals,
Organisations and Society in Turbulent Markets

CONFERENCE PROGRAM

June 22-24, 2011
Póvoa de Varzim - Portugal
Wednesday 22nd June

Opening (10:00-10:45)
Room “Eça de Queirós”

Coffee Break

Keynote Lectures (11:15-13:00)
Room “Eça de Queirós”

INNOVATION AND THE SUSTAINABILITY JOURNEY
Peter Smith, The Leadership Alliance Inc. (Canada)

VIRTUAL AND VIRTUALITY: IMPLICATIONS FOR KNOWLEDGE MANAGEMENT
Prof. Jovan Filipovic, University of Belgrade (Serbia)

SOCIALIZING FOR SUSTAINABILITY: TOWARDS PERFORMATIVE KNOWLEDGE ARCHITECTURES FOR NEO-MILLENNIAL ORGANIZATIONS
Dr. Henk Eijkman, University of New South Wales, ADFA Campus, Canberra (Australia)

Lunch

Keynote Lectures (14:30-15:30)
Room “Eça de Queirós”

A SEMIOTIC FRAMEWORK PERSPECTIVE ON COMPLEXITY AND SUSTAINABILITY MANAGEMENT IN ORGANIZATIONS
Putnik, Goran, Department of Production and Systems Engineering, School of Engineering, University of Minho (Portugal)
Putnik, Zlata, CITEPE, University of Minho (Portugal)

ETHICS, GOVERNANCE AND ECONOMIC DEVELOPMENT
Valdir de Jesus Lameira, INESC, Coimbra (Portugal)
Jean E. Harris, School of Business Administration - Capital College - The Pennsylvania State University (USA)
Osvaldo L. G. Quelhas, Federal Fluminense University, MSG/LATEC (Brazil)
Roberto G. Pereira, Federal Fluminense University, TEM/PGMEC/MSG (Brazil)

ON THE LIMITATIONS OF GOVERNMENT SPENDING
Sónia R. Bentes, ISCAL, Lisbon (Portugal)
Kedarnath Banerjee, ISCTE, Lisbon (Portugal)
Session 1 (15:30-16:30)
Room “Eça de Queirós”
Session Type: AUTHOR'S PRESENTATION AND DIALOGUE
Chair: Cláudio Alves

HEURISTIC METHODS FOR PROCESS OPTIMIZATION IN THE AUTOMOTIVE INDUSTRY
Telmo Pinto, Centro de Investigação Algoritmi, Escola de Engenharia, Universidade do Minho, Braga (Portugal)
Cláudio Alves, Centro de Investigação Algoritmi, Escola de Engenharia, Universidade do Minho, Braga (Portugal)
J. M. Valério de Carvalho, Centro de Investigação Algoritmi, Escola de Engenharia, Universidade do Minho, Braga (Portugal)
Pedro Brás, Centro de Investigação Algoritmi, Escola de Engenharia, Universidade do Minho, Braga (Portugal)
Reviewer: Paulo Ávila
Dialogue Facilitator: Cláudio Alves

SWARM INTELLIGENCE FOR SCHEDULING: A REVIEW
Ana Madureira, GECAD, ISEP/ IPP, Porto (Portugal)
Nelson Sousa, GECAD, ISEP/ IPP, Porto (Portugal)
Ivo Pereira, GECAD, ISEP/ IPP, Porto (Portugal)
(Author’s presentation)

Session 2 (15:30-16:30)
Room “Gomes de Amorim”
Session Type: AUTHOR’S PRESENTATION
Chair: Leonilde Varela

ASSEMBLY LINE BALANCING USING GENETIC ALGORITHMS
Ricardo Pimenta, ISEP (Portugal)
Manuel Silva, ISEP (Portugal)
Cecília Reis, ISEP (Portugal)

AN ONTOLOGY FOR PRODUCTION SYSTEMS ENVIRONMENTS OF SCHEDULING PROBLEMS
S. Carmo-Silva, Dept. Production & Systems, University of Minho (Portugal)
Maria Leonilde Rocha Varela*, Dept. Production & Systems, University of Minho (Portugal)

Coffee Break

Session 3 (17:00-18:45)
Room “Eça de Queirós”
Session Type: AUTHOR’S PRESENTATION AND DIALOGUE
Chair: Goran Putnik

TOWARDS A SITUATION ADAPTIVE SHOP FLOOR PRODUCTION
Scholz-Reiter, Bernd, BIBA – Bremer Inst. Für Produktion und Logistik, Univ. of Bremen (Germany)
Harjes, Florian, BIBA – Bremer Inst. Für Produktion und Logistik at the Univ. of Bremen (Germany)
Mansfeld, Jeanette, BIBA – Bremer Inst. Für Produktion und Logistik at the Univ. of Bremen (Germany)
Kieselhorst, Timo, University of Bremen (Germany)
Becker, Jessica, University of Bremen (Germany)
(Author’s presentation)
A REDUCTION METHOD FOR NONLINEAR SEMI-INFINITE PROGRAMMING BASED ON AN EXACT PENALTY TECHNIQUE
Alzira Maria T. da Mota, School of Engineering, Polytechnic of Porto (Portugal)
Ismael F. Vaz, School of Engineering, University of Minho (Portugal)
(Author’s presentation)

A RECONFIGURATION TIME STRUCTURE MODEL FOR AGILE AND VIRTUAL ENTERPRISES
Putnik, Goran, University of Minho (Portugal)
Alves, Cátia, University of Minho (Portugal)
Castro, Hélio, University of Minho (Portugal)
Cruz-Cunha, Maria Manuela, Polytechnic Institute of Cavado and Ave (Portugal)
(Author’s presentation)

RELAXATION INDUCED METHODS BASED ON COLUMN GENERATION FOR VEHICLE ROUTING PROBLEMS
Rita Macedo, Centro de Investigação Algoritmi, Escola de Engenharia, Universidade do Minho, Braga (Portugal)
Cláudio Alves, Centro de Investigação Algoritmi, Escola de Engenharia, Universidade do Minho, Braga (Portugal)
J. M. Valério de Carvalho, Centro de Investigação Algoritmi, Escola de Engenharia, Universidade do Minho, Braga (Portugal)
Saïd Hanafi, LAMIH-SIADE, Université de Valenciennes et du Hainaut-Cambrésis, Le Mont Houy (France)
Reviewer: Manuel Pereira Lopes
Dialogue Facilitator: Goran Putnik

Session 4 (17:00-18:45)
Room “Gomes de Amorim”
Session Type: DIALOGUE
Chair: Sérgio Sousa

ON THE CHARACTERISATION OF UNCERTAINTY IN PERFORMANCE MEASUREMENT SYSTEMS
Sérgio Sousa, University of Minho (Portugal)
Eusébio Nunes, University of Minho (Portugal)
Isabel Lopes, University of Minho (Portugal)
Reviewer: João Bastos
Dialogue Facilitator: Paulo Ávila

A LOCATION PROBLEM IN THE FIELD OF WIND ENERGY
Elsa Sousa, Institute of Mechanical Engineering and Industrial Management – INEGI, Porto (Portugal)
Miguel Marques, Institute of Mechanical Engineering and Industrial Management – INEGI, Porto (Portugal)
José Matos, Institute of Mechanical Engineering and Industrial Management – INEGI, Porto (Portugal)
Cláudio Alves, Centro de Investigação Algoritmi, Escola de Engenharia, Universidade do Minho, Braga (Portugal)
Reviewer: Alexandre Sottomayor
Dialogue Facilitator: Paulo Ávila

AN EXACT SOLUTION APPROACH FOR A MULTI-FOLLOWER BILEVEL OPTIMIZATION PROBLEM
Raid Mansi, Centro de Investigação Algoritmi, Universidade do Minho, Braga (Portugal)
Cláudio Alves, Centro de Investigação Algoritmi, Universidade do Minho, Braga (Portugal)
J. M. Valério de Carvalho, Centro de Investigação Algoritmi, Universidade do Minho, Braga (Portugal)
Saïd Hanafi, LAMIH-SIADE, Université de Valenciennes et du Hainaut-Cambrésis, Le Mont Houy (France)
Reviewer: Alzira Mota
Dialogue Facilitator: Paulo Ávila

ON THE ADEQUACY OF ENTROPY IN ASSESSING STOCK MARKET VOLATILITY
20:00
Hotel Bar

Welcome Reception
Thursday 23rd June

Session 5 (9:00-10:45)
Room “Eça de Queirós”

Session Type: AUTHOR’S PRESENTATION
Chair: Paulo Garrido

LEAN VS. AGILE IN THE CONTEXT OF COMPLEXITY AND SUSTAINABILITY MANAGEMENT IN ORGANIZATIONS: A CONTRIBUTION TO THE R&D PROGRAMS FORMULATION
Putnik, Goran, University of Minho (Portugal)
Putnik, Zlata, CITEPE, University of Minho (Portugal)

FIRMS AS TEAMS
Garrido, Paulo, University of Minho (Portugal)

LEAN PRODUCTION PROMOTES THINKERS, NOT “ANDROIDS”
Anabela C. Alves, University of Minho (Portugal)
José Dinis Carvalho, University of Minho (Portugal)
Rui M. Sousa, University of Minho (Portugal)

A REVIEW OF AGILE AND LEAN MANUFACTURING AS ISSUES IN SELECTED INTERNATIONAL AND NATIONAL RESEARCH AND DEVELOPMENT PROGRAMS
Putnik, Goran, University of Minho (Portugal)
Castro, Hélio, University of Minho (Portugal)
Shah, Vaibhav, University of Minho (Portugal)

Session 6 (9:00-10:45)
Room “Gomes de Amorim”

Session Type: DIALOGUE AND AUTHOR’S PRESENTATION
Chair: Paulo Ávila

FROM MANAGEMENT SYSTEMS (9K, 14K, 18K) TO RS (26K): ITS INFLUENCE IN RISK MANAGEMENT AND CONSEQUENT COMPETITIVENESS FACTORS OF THE ORGANIZATIONS THAT ADOPTS THEM
Lopes Ricardo, Bureau Veritas and UAL (Portugal)
Reviewer: Luís Fonseca
Dialogue Facilitator: Sérgio Sousa

STAKEHOLDER SATISFACTION AND SUSTAINABLE SUCCESS
Luís Fonseca, ISEP/APCER (Portugal)
Ramos Amilcar, ISCTE – IUL (Portugal)
Rosa Álvaro, ISCTE – IUL (Portugal)
Braga Ana Cristina, DPS - U. Minho (Portugal)
Sampaio Paulo, DPS - U. Minho (Portugal)
Reviewer: Ricardo Lopes
Dialogue Facilitator: Sérgio Sousa

AN USER-DRIVEN APPROACH FOR SERVICE PROCESS INNOVATION
José Monteiro, Faculty of Engineering of University of Porto, FEUP (Portugal)
Fernando Almeida, Innovation and Development Centre, ISP Gaya and FEUP (Portugal)
Reviewer: António Almeida
Dialogue Facilitator: Ricardo Lopes
CUSTOMER-ORIENTED AND ECO-FRIENDLY NETWORKS FOR HEALTH FASHIONABLE GOODS – THE CORENET SUSTAINABLE APPROACH
João Bastos, INESC Porto (Portugal)
Américo Azevedo, INESC Porto (Portugal)
António Almeida, INESC Porto (Portugal)
Nicola Magalétti, TXT e-Solutions SPA (Italy)
Dieter Stellmach, DITF Denkendorf – Centre for Management Research (Germany)
Rosanna Fornasiero, ITIA-CNR -Institute of Industrial Technologies and Automation -National Council of Research (Italy)
Andrea Zangiacomi, ITIA-CNR -Institute of Industrial Technologies and Automation -National Council of Research (Italy)
(Author’s presentation)

Coffee Break

Session 7 (11:15-13:00)
Room “Eça de Queirós”
Session Type: AUTHOR’S PRESENTATION AND DIALOGUE
Chair: Raymond Saner

CAPACITY BUILDING FOR SOCIAL DEVELOPMENT: A COMPETENCY BASED MODEL FOR EDUCATION IN SOCIAL DEVELOPMENT
Prof. Dr. Raymond Saner, University of Basle/ Sciences Po, Paris (France)
Prof. Dr. Lichia Yiu, Centre for Socio-Eco-Nomic Development, Geneva (Switzerland)
(Author presentation)

SME’S E-LEARNING TO E-WORK EFFICIENTLY
Gerhard Doppler, Bit media e-Learning solution GmbH & Co KG (Germany)
Ingrida Borisenko, Vakaru Lietuvos Verslo Kolegija (Lithuania)
Joana Soares, Inovafor, Lda. (Portugal)
Kinga Dancshazy, Inno-Motive Nonprofit Ltd (Hungary)
Marta Pinto, Inovafor Lda. (Portugal)
Reviewer: Alexandra Costa Dialogue Facilitator: Lichia Yiu

PROMOTION OF SCHOOL SUCCESS THROUGH PBL – PROJECT BASED LEARNING – AND PROJECT MANAGEMENT GOOD PRACTICES BASED ON PROJECT MANAGEMENT BODY OF KNOWLEDGE (PMBOK®)
Rodrigues, J., Instituto Politécnico do Porto, Instituto Superior de Engenharia do Porto, Departamento de Organização e Gestão (Portugal)
Costa, M. A., Instituto Politécnico do Porto, Instituto Superior de Engenharia do Porto, Departamento de Organização e Gestão (Portugal)
Reviewer: Marta Pinto Dialogue Facilitator: Lichia Yiu

Session 8 (11:15-13:00)
Room “Gomes de Amorim”
Session Type: AUTHOR’S PRESENTATION AND DIALOGUE
Chair: Vesna Spasojević Brkić

EFFECTIVENESS OF QUALITY MANAGEMENT FACTORS AND DIFFERENCE IN TOTAL FACTOR PRODUCTIVITY
Vesna Spasojević Brkić*, University of Belgrade (Serbia)
Nikola Dondur, University of Belgrade (Serbia)
Aleksandar Žunjić, University of Belgrade (Serbia)
Milivoj Klarin, University of Novi Sad, (Serbia)
Tamara Sedmak, University of Belgrade (Serbia)
(Author’s presentation)
FOOD SAFETY CERTIFICATION AND SUSTAINABILITY
Pedro Pereira, ISEP (Portugal)
Luis Fonseca, ISEP/APCER (Portugal)
(Author’s presentation)

INTEGRATED MAINTENANCE MANAGEMENT OF SHOPPING CENTERS: A CASE STUDY
Joaquim Moreira, ISEP (Portugal)
Manuel Pereira Lopes, ISEP (Portugal)
(Author’s presentation)

BENCHMARKING ON BEHALF OF MANAGEMENT SYSTEMS INTEGRATION
Domingues, J.P.T, Systems and Production Department, School of Engineering, University of Minho, Braga (Portugal), Laboratório Químico Marques Ferreira, Complexo Delphi-Bosch, Ferreiros, Braga (Portugal)
Sampaio, P., Systems and Production Department, School of Engineering, University of Minho, Braga (Portugal)
Arezes, P.M., Systems and Production Department, School of Engineering, University of Minho, Braga (Portugal)
Reviewer: Manuel Lopes Dialogue Facilitator: Vesna Spasojević Brkić

Lunch

Round Table “New Organizational Paradigms and Sustainability”
(14:30-15:45)
Room “Eça de Queirós”
Chair: Goran Putnik

Presentation: 2100 Projects Association – Scientific Association for Promotion of Technology and Management for Organizational and Social Transformative Change
(15:45-16:00)
Room “Eça de Queirós”
Chair: Goran Putnik

Coffee Break
Training course 1 “How enterprises networks dynamics helps competitiveness of your company: The impact on time-to-market reduction”
(16:30-18:30)
Room “Eça de Queirós”
Instructors: Goran Putnik and Hélio Castro

Training course 2 “How to use and implement web services for supporting manufacturing systems management”
(16:30-18:00)
Room “Gomes de Amorim”
Instructor: Leonilde Varela

Open Session (16:30-18:30)

Further enhancement of the participants’ interactions.

Two types of interactions are encouraged: Informal Group Dialogues and Formal Groups Formation and Deliberations:

1. Informal Group Dialogues: informal dialogues in informal sub-groups during walks on the beach, surrounding of the conference hotel or in the conference rooms.

2. Formal Groups Formation and Deliberations: forming of formal groups and proposals for deliberations on selected themes (proposed by the participants).

These sessions include too the opportunity to present informally your ideas through non-standard presentations including videos, software, simulations, artwork, as well as their experimental and prototype versions.

NOTE 1: For any necessary logistic please contact the organization in advance.

Alternative

Sightseeing tour: Town, eco-museum, “água e pão” (water and bread) itinerary
Offered by: Câmara Municipal de Póvoa de Varzim – Póvoa de Varzim City Council

Starting point: Hotel entrance

Please contact the Conference organizers for reservation.
20:00 (meeting time at the Hotel entrance)

Bus transfer

20:30

“Casa de Lavrador” (Ecomuseum)

Conference dinner

Offered by: Câmara Municipal de Póvoa de Varzim – Póvoa de Varzim City Council
Friday 24th June

Session 9 (9:00-10:45)

Room “Eça de Queirós”
Session Type: DIALOGUE AND AUTHOR’S PRESENTATION
Chair: António Pires

PERFORMANCE AND RISK ASSESSMENT FRAMEWORK FOR SUSTAINABLE NETWORKS
António Almeida, INESC Porto (Portugal)
Roberto da Piedade, INESC Porto (Portugal)
João Bastos, INESC Porto (Portugal)
Américo Azevedo, INESC Porto (Portugal)
Paulo Ávila, ISEP (Portugal)
(Author presentation)

RESOURCES SELECTION FOR AGILE/VIRTUAL ENTERPRISES: PART II – PROTOTYPE/Demonstrator Tool
A. Castro, Polytechnic Institute of Porto (Portugal)
A. Pires, Polytechnic Institute of Porto (Portugal)
L. Costa, University of Minho, School of Engineering (Portugal)
G. Putnik, University of Minho, School of Engineering (Portugal)
P. Ávila, Polytechnic Institute of Porto (Portugal)
Reviewer: António Galrão Ramos
Dialogue Facilitator: João Bastos

IN-HOUSE OUTSOURCING OF PACKAGING ACTIVITIES
António Galrão Ramos, ISEP, CIDEM (Portugal)
João Pinho Ribeiro, ISEP, CIDEM (Portugal)
Manuel Pereira Lopes, ISEP, CIDEM (Portugal)
Reviewer: António Pires
Dialogue Facilitator: João Bastos

Session 10 (9:00-10:45)

Room “Eça de Queirós”
Session Type: AUTHOR’S PRESENTATION
Chair: Valdir de Jesus Lameira

URBAN TRANSPORT OF THE FUTURE
L. Miranda Torres, Mechanical Engineer Department, ISEP, Porto (Portugal)
J. Francisco Silva, Mechanical Engineer Department, ISEP, Porto (Portugal)
A. Torres Marques, DEMEGI, INEGI, University of Porto, Porto (Portugal)

THE ENERGY PERFORMANCE CERTIFICATION OF BUILDINGS AS A NEW SUSTAINABLE AND PROFITABLE BUSINESS
J.L. Alexandre, University of Porto-Faculty of Engineering, Porto (Portugal)
C.T. Vila, ENERCER Global, Leça da Palmeira (Portugal)
A.J. Freire, University of Porto-Faculty of Engineering, Porto (Portugal)

CO 2 EMISSIONS, ENERGY AND THE GOVERNANCE OF THE COUNTRIES
Valdir de Jesus Lameira, INESC, Coimbra (Portugal)
Jean E. Harris, School of Business Administration - Capital College - The Pennsylvania State University (USA)
Osvaldo L. G. Quelhas, Federal Fluminense University, MSG/LATEC (Brazil)
Roberto G. Pereira, Federal Fluminense University, TEM/PGMEC/MSG (Brazil)
Coffee Break

Session 11 (11:15-13:00)
Room “Gomes de Amorim”

Session Type: AUTHOR’S PRESENTATION AND DIALOGUE
Chair: Valdir de Jesus Lameira

VALUE AND GOVERNANCE OF THE BRAZILIAN CORPORATIONS: HOW IS THE RELATIONSHIP BETWEEN THESE VARIABLES?
Valdir de Jesus Lameira, INESC, Coimbra (Portugal)
Jean E. Harris, School of Business Administration - Capital College - The Pennsylvania State University (USA)
Osvaldo L. G. Quelhas, Federal Fluminense University, MSG/LATEC (Brazil)
Roberto G. Pereira, Federal Fluminense University, TEM/PGMEC/MSG (Brazil)
(Author presentation)

RESOURCES SELECTION FOR AGILE/VIRTUAL ENTERPRISES: PART I – MODEL FOR VALUE ANALYSIS INTEGRATION
A. Pires, Polytechnic Institute of Porto (Portugal)
G. Putnik, University of Minho, School of Engineering (Portugal)
P. Ávila, Polytechnic Institute of Porto (Portugal)
Reviewer: António Ramos
Dialogue Facilitator: Hélio Castro

MODEL EVALUATION FOR THE OUTSOURCING OF CORE BUSINESS PROCESS
António Ramos, ISEP, Porto (Portugal)
Reviewer: António Pires
Dialogue Facilitator: Hélio Castro

SUSTAINABLE DEVELOPMENT, GOVERNANCE AND CORRUPTION
Valdir de Jesus Lameira, INESC, Coimbra (Portugal)
Jean E. Harris, School of Business Administration - Capital College - The Pennsylvania State University (USA)
Osvaldo L. G. Quelhas, Federal Fluminense University, MSG/LATEC (Brazil)
Roberto G. Pereira, Federal Fluminense University, TEM/PGMEC/MSG (Brazil)
(Author presentation)

Session 12 (11:15-13:00)
Room “Eça de Queirós”

Session Type: AUTHOR’S PRESENTATION
Chair: Alexandre Sottomayor

HOW TO REDUCE ENERGY CONSUMPTION ON PULTRUSION
F. J. G. Silva, CIDEM, ISEP/IPP, Porto (Portugal)
F. Ferreira, CIDEM, ISEP/IPP, Porto (Portugal)
C. Costa, CIDEM, ISEP/IPP, Porto (Portugal)
A. C. Meira Castro, CIGAR, ISEP/IPP, Porto (Portugal)

OPTIMIZATION OF THE PULTRUSION PROCESS
C. Costa, CIDEM, ISEP/IPP, Porto (Portugal)
F. Ferreira, CIDEM, ISEP/IPP, Porto (Portugal)
F. J. G. Silva, CIDEM, ISEP/IPP, Porto (Portugal)
A. C. Meira Castro, CIGAR, ISEP/IPP, Porto (Portugal)
COMPARATIVE STUDIES ABOUT PROPERTIES OF SOME AUSTENITIC AND FERRITIC STAINLESS STEEL GRADES
E. M. Pinho, ISEP/ IPP, Porto (Portugal)
M. F. G. Andrade, CIDEM, ISEP/ IPP, Porto (Portugal)
F. J. G. Silva, CIDEM, ISEP/ IPP, Porto (Portugal)
J. P. Meixedo, CIGAR, ISEP/ IPP, Porto (Portugal)

FIBRE-REINFORCED COMPOSITE MATERIALS: AN IMPROVEMENT IN SUSTAINABILITY
R. D. S. G. Campilho, Departamento de Engenharia Mecânica, Instituto Superior de Engenharia do Porto, Faculdade de Economia e Gestão, Universidade Lusófona do Porto, Porto (Portugal)

Lunch

Session 13 – Research projects presentation (14:30-15:45)
Room “Eça de Queirós”

Session Type: AUTHOR’S PRESENTATION
Chair: Goran Putnik

Project: UBIQUITOUS ORIENTED EMBEDDED SYSTEMS FOR GLOBALLY DISTRIBUTED FACTORIES OF MANUFACTURING ENTERPRISES
Putnik, Goran, University of Minho (Portugal)
Castro, Hélio, University of Minho (Portugal)
Shah, Vaibhav, University of Minho (Portugal)
Varela, Leonilde, School of Engineering, University of Minho (Portugal)
Cruz-Cunha, Maria Manuela, Polytechnic Institute of Cávado e Ave (Portugal)
Ferreira, Luís, Polytechnic Institute of Cávado e Ave (Portugal)

MULTI-SITE PRODUCTION NETWORK INTEGRATION MODEL
António Arrais-Castro, Dept. Production & Systems, University of Minho (Portugal)
Leonilde R. Varela, Dept. Production & Systems, University of Minho (Portugal)
Goran D. Putnik, Dept. Production & Systems, University of Minho (Portugal)

Project: LEAN LEARNING ACADEMY: AN INNOVATIVE LEARNING CONCEPT IN ENGINEERING CURRICULA
Ignace Martens, Katholieke Hogeschool Sint-Lieven, Gent (Belgium)
Jan Colpaert, Centre for Modelling and Simulation (CMS), Brussels (Belgium), Research Centre for Operations Management, Faculty of Business and Economics, Katholieke Universiteit Leuven, Leuven (Belgium)
Liesje De Boeck, Centre for Modelling and Simulation (CMS), Brussels (Belgium), Research Centre for Operations Management, Faculty of Business and Economics, Katholieke Universiteit Leuven, Leuven (Belgium)
Carlos Vaz de Carvalho, ISEP – School of Engineering, Polytechnic of Porto, Porto (Portugal)
Paulo Ávila, ISEP – School of Engineering, Polytechnic of Porto, Porto (Portugal)
Manuel Lopes, ISEP – School of Engineering, Polytechnic of Porto, Porto (Portugal)
João Bastos, ISEP – School of Engineering, Polytechnic of Porto, Porto (Portugal)
Luís Fonseca, ISEP – School of Engineering, Polytechnic of Porto, Porto (Portugal)
Project: DESIGN AND EVALUATION OF USER INTERFACES FOR REMOTE COLLABORATIVE CONTROL OF MANUFACTURING SYSTEMS
Putnik, Goran, University of Minho (Portugal)
Vesna Spasojevic-Brkic, University of Belgrade (Serbia)

RESEARCH OF THE EFFECTS OF SCALE FORMS ON READABILITY OF ANALOGUE VISUAL DISPLAYS
Aleksandar Zunjic, University of Belgrade (Serbia)
Vesna Spasojevic-Brkic, University of Belgrade (Serbia)
Snezana Omic, Ministry of Science and Technology, (Serbia)

Round Table “Industrial perspective on sustainability” (15:45-16:45)
Room “Eça de Queirós"
Chair: Goran Putnik

Closing (16:45-17:00)
Room “Eça de Queirós"
Chair: Goran Putnik and Paulo Ávila

Coffee Break

20:00
Room “Póvoa de Varzim"

Farewell dinner