CIO 2016

XXII ICIEOM 2016

IISE
INSTITUTE OF INDUSTRIAL & SYSTEMS ENGINEERS

AIM
European Academy for Industrial Management
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CIO-ICIEOM-IISE-AIM
International Joint Conference (IJC2016)

13-15 July | Tecnun - University of Navarra
Donostia-San Sebastián (Spain)

"Building bridges between researchers and practitioners"

Programme

Organisers

tecnun
Universidad
de Navarra

ADINGOR
Asociación para el Desarrollo
de la Ingeniería de Organización

ABEPRO
ASSOCIAÇÃO BRASILEIRA DE
ENGENHARIA DE PRODUÇÃO

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Contents

Eduroam network available

Alternative connection
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   Password: **IJC2016wifi**

Registration Desk Opening Hours

Wednesday July 13th, 2016:   13:00-19:00
Thursday July 14th, 2016:   8:30-16:30
Friday July 15th, 2016:   9:00-13:00

Staff and Information

Students with official T-shirts will give you all the required support

Check TV screens for last minute changes.

Please have your tickets and badge always with you. Both are personal and non-transferable.

Welcome

Dear Congress Participants and Colleagues,

It is an honour to present the Programme of the CIO-ICIEOM-IISE-AIM 2016, called International Joint Conference (IJC 2016): "XX Congreso de Ingeniería de Organización", "XXII International Conference on Industrial Engineering and Operations Management", "International IISE Conference 2016", and "International AIM Conference 2016".

This Joint Conference is a result of an agreement among ADINGOR (Asociación para el desarrollo de la Ingeniería de Organización), ABEPRO (Associaçâo Brasileira de Engenharia de Produçâo), IISE (Institute of Industrial & Systems Engineers) and AIM (European Academy for Industrial Management). The conference has been organised by the Industrial Management Department at Tecnun (School of Engineering – University of Navarra).

The International Joint Conference (IJC2016)'s motto is: "Building bridges between researchers and practitioners". The mission of the Conference is to promote links between researchers and practitioners from different areas of industrial engineering and management, in order to enhance an interdisciplinary perspective of the field.

We want to thank to the Institutional Supporters and Sponsors. We gratefully acknowledge the Invited Speakers, Authors and especially the Reviewers. We must also recognise the great effort of the Scientific and Organising Committees.

We hope that the CIO-ICIEOM-IISE-AIM (IJC 2016) will meet your expectations and will strengthen networking. We invite you to enjoy a high quality scientific program and an exciting social program in Donostia-San Sebastian.

Javier Santos
Conference Chair

Elisabeth Viles
Chair of the Scientific Committee

Donostia-San Sebastian, July 2016

Associations' Information

Asociación para el desarrollo de la Ingeniería de Organización

ADINGOR is the Spanish Association for Industrial Management and Engineering. Its members are mainly academics and professionals in industrial management and they share a common view of industrial management, training and knowledge from the engineering side.

ADINGOR contributes to the development of knowledge in different areas of industrial management, industrial organization, logistics, information systems, etc.

Associação Brasileira de Engenharia de Produção

ABEPRO is an institution which represents teachers, students and professionals of Production Engineering.

The association was founded 30 years ago and has the following functions: to clarify the role of the Production Engineer in the society and in his/her market, to be a link to the government institutes related to organizing and evaluating (MEC e INEP) and supportting courses (Capes, CNPq , Finep and entities which support regional researches), as well as private organizations as CREA , Confea, SBPC, Abenge and others non-governmental organizations which deal with research, teaching and extension of engineering.

Institute of Industrial & Systems Engineers

Founded in 1948, IISE is an international, nonprofit association that provides leadership for the application, education, training, research, and development of industrial engineering. ISEs figure out a better way to do things and work in a wide array of professional areas, including management, manufacturing, logistics, health systems, retail, service and ergonomics. They influence policy and implementation issues regarding topics such as sustainability, innovation and Six Sigma. And like the profession, ISEs are rooted in the sciences of engineering, the analysis of systems, and the management of people.

European Academy for Industrial Management

AIM is an organisation of full professors working in the field of Industrial Management at universities within the EU countries. The AIM wants to be the leading organization in the EU concerning education of university students in engineering science in the field of Industrial Management.

Through the fellows, AIM has a total view of academic education in Industrial Management in the EU countries.

Organising Committee

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Tecnun – University of Navarra

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Invited Speakers

Jose J. Gonzalez (dr.rer.nat., University of Kiel, Germany, dr.techn., Norwegian University of Science and Technology, Norway) has long experience as professor of system dynamics and information security at the University of Agder and as adjunct professor of information security at the Norwegian Information Security laboratory (NISlab), NTNU Gjøvik. He has published in leading journals and conferences on system dynamics modeling, information security, critical infrastructure, organizational resilience, organizational learning and Interactive Training Environments. Dr. Gonzalez was the founder and director 2011-2014 of the Centre for Integrated Emergency Management (CIEM), http://ciem.uia.no, a main research priority of the University of Agder.

Session: **Stalking resilience: Making cities vertebrae in society's resilience backbone**

Adolfo Crespo is currently Full Professor and Head of the Department of Industrial management at the School of Engineering of the University of Seville. Prof. Crespo leads the Spanish Research Network on Assets Management and the Spanish Committee for Maintenance Standardization (1995-2003). He also leads a research team related to maintenance and dependability management currently with 5 PhD students and 4 researchers. He has extensively participated in many engineering and consulting projects for different companies, for the Spanish Departments of Defense, Science and Education as well as for the European Commission (IPTS). He is the President of INGEMAN (a National Association for the Development of Maintenance Engineering in Spain) since 2002.

Session: **Assets management and maintenance policies for critical infrastructure in Spain**

Social Events

Official Opening and Cocktail. Wednesday 20:15
Aquarium Donostia-San Sebastian

Cultural visit. Thursday 18:00
Chillida Leku

Gala Dinner. Thursday 21:00
Real Club de Tenis de San Sebastián

Closing Cocktail. Friday 13:00
Tecnun

General Programme

Wednesday, July 13th, 2016

TIME	Aula 6	Aula 7	Aula 9	Aula 10	Aula 11	Aula Grados
13:00-15:00	Registration					
15:00-15:30	Conference welcome and academic opening. Salon de Actos					
15:30-17:00	Plenary session. "Stalking resilience: Making cities vertebrae in society's resilience backbone" José González. Salon de Actos					
17:00-17:30	Coffee and poster session. Cafeteria					
17:30-19:00	Industry 4.0		Production	Logistics	Strategy and Enterpreneurship	Phd Special track
19:15-20:00	Transfer to Aquarium Donostia-San Sebastian					
20:15-21:00	Official opening. Aquarium Donostia-San Sebastian					
21:00-23:00	Opening Cocktail. Aquarium Donostia-San Sebastian					

Thursday, July 14th, 2016

TIME	Aula 6	Aula 7	Aula 9	Aula 10	Aula 11	Aula Grados
9:00-10:30	Information Systems	Human-centered Production Systems	OR, Modelling and Simulation	Logistics	Strategy and Enterpreneurship	
10:30-11:00	Coffee and poster session. Cafeteria					
11:00-12:30	Plenary session. "Assets management and maintenance policies for critical infrastructure in Spain". Adolfo Crespo. Salon de Actos					
12:30-14:00	Education	Service Systems	OR, Modelling and Simulation	Logistics		Phd Special track
14:00-15:00	Lunch, Cafeteria					
15:00-16:00	Knowledge and Project Management	Quality and Product Management	Production	Logistics	Strategy and Enterpreneurship	
16:00-17:30	Bus City Tour					
17:30-18:00	Transfer to Chillida Leku					
18:00-20:00	Cultural visit. Chillida Leku					
20:00-20:30	Transfer to Real Club de Tenis de San Sebastian					
20:30-23:30	Gala Dinner. Real Club de Tenis de San Sebastian					

Friday July 15th, 2016

TIME	Aula 6	Aula 7	Aula 9	Aula 10	Aula 11	Aula Grados
9:30-11:00	Knowledge and Project Management	Quality and Product Management	OR, Modelling and Simulation	Logistics	Strategy and Enterpreneurship	ADINGOR General meeting
11:00-11:30	Coffee and poster session. Cafeteria					
11:30-12:30	Education	Service Systems				
12:30-13:00	Conference Closing Session. Salon de actos					
13:00-15:30	Conference Closing Cocktail. Cafeteria					

Programme. Oral Presentations and Posters

			Poster Session
Wednesday July 13th, 2016 - 17:00-17:30	Cafetería	004	**"Minimizing lost-work costs in a mixed-model assembly line"** Bautista J, Alfaro-Pozo R, Batalla-García C
		012	**"Comparative Models for Minimizing Ergonomic Risk in Assembly Lines"** Bautista J, Batalla-García C, Alfaro-Pozo R
		138	**"Distance Learning Course for training Business Game tutors"** Marinho M. T., Rodrigues J. S., Zambon K. L.
		073	**"Interactions between stakeholders and Corporate Social Responsibility practices: a management model for stakeholders in the electrical energy sector"** Alves ER, Bezerra MJS
		189	**"Minimizing environmental and economic external impacts of integrated municipal solid waste management systems"** Digiesi S, Mossa G, Mummolo G, Verriello R
		092	**"How solving the problem of oblivion of babies and children up to seven years in the car, through the FUZZY and TRIZ methodologies"** Rodrigues L, Fandiño S, Santos M, Fernandes M
		006	**"The Influence of stages of organizational change in the relation between worker-environment"** Castillo C, Fernandez V, Sallan J. M.
		013	**"The use of the TRIZ methodology to minimize domestic accidents with children: an analysis on products and residential structures"** Ferreira A. R. S. V, Gomes A. C. N, Fandiño S. B, Bezerra M. J. S
		030	**"The Modeling and Simulation in a Superior Logistics Course in Distance Education Mode"** Zanardini R, Paula A, Ripka C
		034	**"Lighting Companies Productivity "** Estelles-Miguel S., Albarracín Guillem J.M., Palmer Gato M.E., Garrigos-Simon F.
		035	**"Case Study on PPC tool adapted from MSProject in a Job Shop Problem"** Bayer J, De Castro R
		002	**"A Bow-Tie Based Risk Framework Integrated with Bayesian Belief Network applied to the Probabilistic Risk Analysis"** Pereira JC, Lima GB, Santanna AP, Pizzolato N
		009	**"A Market Based Approach for Airport Slots Allocation"** Pajares-Gutiérrez J, Araúzo JA, Poza García D.J, López-Paredes A

Wednesday July 13th, 2016 - 17:30-19:00

Aula 6

Parallel Session. Industry 4.0

060 "Pushing the Limits of Lean Thinking - Design and Management of Complex Production Systems" Deuse J, Heuser C, Konrad B, Lenze D, Maschek T, Wiegand M, Willats P

174 "Three Stage Maturity Model in SME´s towards Industry 4.0" Ganzarain J, Errasti N

142 "Framework for a New Wave of IT-Enabled Business Process Transformations" Gutierrez M, Sastron F

042 "The Role of Web Services in Industry 4.0" de Assis Moura AA, Teodoro JN, de Almeida ND

Aula 9

Parallel Session. Production

196 "Petrobras' Investment Projects in Brazil under Checkmate: the ghost refineries case " Yabiko R, Medeiros G, Bone R

067 "Time-Based Conditions for Synchronized Procurement in Douki Seisan" Bautista J, Fortuny-Santos J

107 "An overview of optimization models for integrated replenishment and production planning decisions" Orbegozo A, Andres B, Mula J, Lauras M, Monteiro C, Malheiro M

033 "Definition of Productivity " Estelles-Miguel S., Albarracín Guillem J.M., Palmer Gato M.E. , Andrés Romano C.

Aula 10

Parallel Session. Logistics

001 "Application-oriented Optimization of Internal Milk-run Systems" Martini A, Mauksch T, Stache U

167 "Linking the Spare Parts Management with the Total Ownership Costs: An Agenda for Future Research" Durán O, Roda I, Macchi M

123 "Minimizing the Carbon Footprint of Material Handling Equipment: comparison of electric and LPG forklifts" Facchini F, Boenzi F, Digiesi S, Mossa G, Mummolo G

015 "Supply chain risk management: a literature review between 2000-2015" Silva L, Leite M, Marins F

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Parallel Session. Strategy and Enterpreneurship

155 "Forecasting Domestic Airline Passenger Throughput In Uncertain Environment" Mural C, Ozmehmet Tasan S

018 "Successful Marking Mode of International Exhibition: Taiwanese Sports Industry" Lin YH, Wang YJ, Cheng K

101 "UNEK, an Academic Entrepreneurship Maturity Model for Technological Faculties" Markuerkiaga L, Errasti N, Ochoa C, Arcelus M

104 "A comparative analysis of the nearly Zero Energy Buildings (nZEB) in Europe" Itziar Martínez de Alegría, Izaskun Alvarez, Enara Zarrabeitia

Aula Grados

Parallel Session. Phd Special track

071 "Components to Construct a Business Model Innovation under a Product-Service System Approach in the Aerospace Industry through Analytical Hierarchy Process" Salomon MFB, Mello CHP, Salgado EG, Bitencourt M

139 "How to Do Road Transport More Sustainable? A Literature Review" Domínguez-Caamaño P, Olmedo B, Rodríguez-García M, Prado-Prado J C

144 "Crowdsourcing and Organizational Models: an Analysis of Dimensions for Impact in Organizations" Martinez-Corral A, Grijalvo M, Palacios M

215 "Analysis of the Filling Setting in the Multihead Weighing Process" Pulido-Rojano AD, García-Díaz J. Carlos

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Parallel Session. Information Systems

036 "Information Security Risk Management and its application in a federal public institution"
Souza J, Arima C, Akabane G, Oliveira R, Ferreira N

062 "Impact of ICT use on the international diversification of SMEs"
León O, Igartua J, Ganzarain J

072 "A Conceptual and Empirical Analysis about Self-Service Technology in the Airline Industry" Antoli S, Jiménez-Zarco A.I., González-González I, Alcaide-Muñoz C

090 "Multi-cooperative First Responder Interoperable Platform based on Semantic Ontology Approach" B.Jerman Blažič, N. Matskanis, R. Bojanc

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Parallel Session. Human-centered Production Systems

143 "Applying value stream mapping in the treatment process with cancer patients"
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172 "Work Organization in Small Businesses: systematic mapping of the literature"
Yamanaka L, Lima R P, Escrivão Filho E

164 "Determination of Rest-Time for Manual Work"
Nithin George, Fereydoun Aghazadeh, Craig Harvey

094 "Measure to succeed: How to improve employee participation in continuous improvement"
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Parallel Session. OR, Modelling and Simulation

093 "Methodology for Defining Requirements for an Enterprise Modelling Framework"
Cestero J., Cuenca L., Ortiz A.

028 "Resolving product configuration conflicts"
Modrak V, Bednar S, Soltysova Z

040 "Debt Restructuring of a Multinational Corporate: Optimal Conditions Evaluation by Response Surface Methodology" Bendato I, Cassettari L, Mosca R, Rolando F

068 "Forecasting Dynamics of Daily Commuting to Work to Other Municipality in the Case of Changing Taxation Policies"
Janež P, Drobne S, Bogataj M

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Parallel Session. Logistics

131 "Implementing "Sustainable Packaging Logistics". An analysis in liquid detergents"
García-Arca J, González-Portela Garrido A T, Prado-Prado J C

132 "The importance of measurement systems in the search for suitable packaging options"
García-Arca J, González-Portela Garrido A T, Prado-Prado J C

105 "On the impact of undershoots at order point in the fill rate estimation in continuous review policies for the lost sales case" Guijarro E, Babiloni E, Cardós J

197 "International Purchasing within the Context of International Operations: A Case Study"
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Parallel Session. Strategy and Enterpreneurship

162 "Business model elements in a product-service integration approach: a literature review"
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046 "Supply Chain Sustainability in Spanish Major Retailer through Strategic Alliances and Lean Practices" Morcillo Bellido J, Duran Heras A

074 "A Study on the Reverse Logistics as Strategy Competitive Business"
Antonio W, Brito C, Teles I, Marcella Dias, Teixeira I

059 "An Overview of the Circular Economy among SMEs in the Basque Country. A Multiple Case Study" Ormazabal M, Prieto-Sandoval V, Jaca C, Santos J

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		163 "Healthcare Waste Management in Medicine Distributor" de Paula F. L., Silva L. J. P., Fernandez C., Silva P. F., Soares J.C.V.S.
		113 "Industry 4.0: A classification scheme" Pérez D, Alarcón F, Boza A
		114 "An analysis of occupational accidents on the basis of annual accident severity rates, over the period 1990- 2013 in Spain" Manzanedo M A , Contreras, S, Herrero A, Alonso de Armiño C
		089 "Bucket Brigade with Stochastic Worker Pace" Bukchin Y, Hanany E, Khmelnitsky E
		185 "An evolution of the approach to the assessment of far-reaching technology implementation" Gladysz Bartlomiej, Santarek Krzysztof
		178 "A review of IT Governance and Enterprise Architecture relationships" Cuenca L., Boza A., Ortiz, A.
		177 "E-commerce and Logistics: a Literature Review" Rodríguez-García M, Domínguez-Caamaño P, Fernández-González A J, Prado-Prado J C
		057 "Incentives Alignment based upon the Variety Engineering in a Collaborative Supply Chain" Puche JC, Ponte B, Costas J, Pino R, de la Fuente D
		187 "A study of the walkability impact in a compact Mediterranean city. Relationship between urban design and walkability" Ros-McDonnell L, De-la-Fuente MV, Szander N, Ros-McDonnell D
		203 "Strategic Management of Maintenance Costs" Sanches AM, Souza LJ, Marçal RFM
		176 "Triple Helix: an innovative experience in logistics management technology transfer to small and micro enterprises in Northeast Brazil" Karla Motta, Mônica Luna, Wattson Perales

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Parallel Session. Education

017 "Development of a lean assessment tool for Small and Medium sized-Enterprises"
Belhadi A, Touriki F, El fezazi S

146 "Wiki as an activity learning "
Vidal-Carreras, PI, Garcia-Sabater JP, Garcia-Sabater JJ , Perello-Marin MR

145 "Project-Based Learning as a Bridge to the Industrial Practice"
Lima RM, Dinis-Carvalho J, Sousa R, Arezes PM, Mesquita D

095 "Active Methodologies in Product Development Classes"
de Assis Moura, AA, Trapani E, Momenti C

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Parallel Session. Service Systems

056 "Sustainability Leveraged by Energy Service Projects (ESCO) in Spain: Analysis 2010-14"
Morcillo Bellido J, Prida Romero B, Martínez Belotto J

086 "Common Service Demand Pattern for Service Capacity Planning"
Yuval Cohen, Shai Rozenes, Efrat Perel, Maya Golan

077 "Diagnosis of a hospital laundry from the perspective of lean healthcare"
Guimaraes G E, Muller M, Souza T A, Schmidt F, Duarte L C

217 "Human Resources Excellence in Research award – the UC3M case"
Martin-Romo Romero C, Contreras Aladro S, Duran Heras A

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Parallel Session. OR, Modelling and Simulation

198 "A generic decision support tool for lot-sizing and scheduling problems with setup and due dates" Silva C, Klement N, Gibaru O

175 "A decision making approach to public policies: Simulation"
Ruiz M, Zabaleta N, Elorza U

064 "Analysis of Spanish Wholesale Gas Price Determinants and Non-stationarity Effects for Modelling" Cansado-Bravo P A, Rodríguez-Monroy C, Mármol-Acitores G

216 "A brief review on vertical transportation research and open issues"
Cortés P, Onieva L, Guadix J, Muñuzuri J

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Parallel Session. Logistics

117 "Fill Rate Estimation in Periodic Review Policies with Lost Sales using Simple Methods"
Cardós M, Guijarro E, Babiloni E

209 "Exploring the Application of Additive manufacturing to Consumable Process Parts"
Disner N, Deschamps F, Pinheiro E

087 "Analysing the fit between innovation strategies and supply chain strategies"
Zimmermann RA, Ferreira LM, Moreira AC

188 "A Feasible Nurse Routing Plan for the Elderly: Quality and Spatial Trade-Offs"
Szander N, Ros-McDonnell L B, Bogataj M

Aula Grados

Parallel Session. Phd Special track

010 "A Novel Project Selection Scheduling Model"
Amirian H, Sahraeian R

106 "Entrepreneurship as an Undergraduate Basis and its Impacts on the Development of the Innovation Technology Center" Castro-Júnior, Cazarini, Siegler, Silva

108 "Empirical evidence for a classification of firm performance according to a sustainable growth rate model" Alcalde, R , Manzanedo M A, Sáiz-Bárcena L

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Aula 6

Parallel Session. Knowledge and Project Management

082 "Multidisciplinary competences applied to Project Management as a successful tool for complex industrial environment auditing" Roca-González JL

020 "Definition of a project performance indicators model: contribution of collaborative engineering practices on project management" Pereira M, Lima RM

184 "Analysing the impact of functions performed by the Project Management Office on triple constraint performance of new product development projects" Barbalho S. C.M., Silva G.L.

170 "Project Management Success Factors in Basque Companies" Zabaleta N, Ruiz M, Elorza U

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Parallel Session. Quality and Product Management

115 "Systematization of Best Practices out of Product Development Process in Improvement Projects" Fernandes C S, Soares V C J, Costa H M J

007 "Relationship Between Operational Performance and Help Chain Critical Success Factors" Tortorella G, Fettermann D

190 "An Alternative Test of Normality for Improving SPC in a Portuguese Automotive SME" Godina R, Rodrigues EMG, Matias JCO

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Parallel Session. Production

075 "Total Productive Maintenance Implementation in an Industry of Food Sector" Guimarães G E, Schütz E K, Monaro R L G, Mareth T, Schmidt F

109 "Optimization models to support decision-making in collaborative networks: A review" Andres B, Poler R, Saari L, Arana J, Benaches JV, Salazar J

110 "Combined models for production and distribution planning in a supply chain" Andres B, Sanchis R, Lamothe J., Saari L, Hauser F

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Parallel Session. Logistics

183 "Tourist Route Planning with a Metaheuristic Approach" Cergibozan C, Tasan A.S

053 "Application of the TDABC Model in the Logistics Process using Different Capacity Cost Rates" Santana A, Afonso P

158 "Total Cost of Ownership in the Context of Supply Chain Management: an Instructional Case" Afonso P

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Parallel Session. Strategy and Enterpreneurship

161 "Sustainability Assessment Of Environmentally Conscious Manufacturing Companies" Ozmehmet Tasan S, Felekoglu B, Ozmehmet E

122 "Management, innovation capacity and fear of failure in a sample of Spanish firms" López A, Rodriguez-Monroy C, Calvo-García F

173 "Application of Innovation Management Techniques in SMEs: A process based method" Igartua J.I., Markuerkiaga L.

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Parallel Session. Knowledge and Project Management

199 **"Integration of Constructability and Project Risk Management"**
Farina L., Danesi E., Travaglini A. , Mancini M. , Trucco P.

125 **"Evaluating the impact of strategic personnel policies using a MILP model. The public university case"** de la Torre R, Lusa A, Mateo M

134 **"Managing Waiting Times to Predict No-shows and Cancelations at a Children's Hospital"**
Rodríguez-García M, McLean A, Prado-Prado J C, Domínguez-Caamaño P

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Parallel Session. Quality and Product Management

078 **"Development of Overall Equipment Effectiveness (OEE) Indicator, case study: Protein Flour and Bovine Tallow Industry"** Gontijo F., Bernardes A., Guimarães M., Nagashi JP., Pacau P.

016 **"Analysies of Energy Efficiency and Photovoltaic Solar Energy: Application in Installations in Brazil"** Melo M., Silva G., Timoteo M., Moreira R., Cabral L.

168 **"ISO 9001 aspects related to performance and their level of implementation"**
Castelló J, De Castro R, Gimenez G

157 **"Six Sigma in a Company of Fast Food in Belem - Pará"**
Baia B, Antonio W, Tainã R, Teixeira I

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Parallel Session. OR, Modelling and Simulation

080 **"Public-private Partnerships for Trade Facilitation: A Theoretical Model"**
Campos M L, Morini C, Moraes G. H. S. M., Inácio E Jr

088 **"Selecting the best Approach for Assessing OpR and Progress in its Implementation"**
Peña D, Rodríguez-Monroy C, Calvo-García F

097 **"Capacitated lot-sizing and scheduling problem for second-tier suppliers in the automotive sector"** Diaz-Madroñero M, Mula J, Andres B, Poler R, Sanchis S

150 **"Constructability: Modularization and Preassembly using the 3D Model in the Engineering and Procurement Phases for the Construction and Assembly in the Oil and Gas Industry"**
Rodrigues L T, Nascimento D L de M, Gonçalves A A, Quelhas O L G, Caiado R G G

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Parallel Session. Logistics

133 **"Value creation through demand and supply chains: evidences from Spanish companies"**
de la Calle A, Grus ME, Álvarez E

128 **"Supply Chain Collaboration: A Game-Theoretic Mechanism for Profit Allocation"**
Ponte B, Rosillo R, Parreño J, Lozano J, García N

081 **"Efficient Supply Chains: a case study on performance indicators away from supply base"**
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Parallel Session. Strategy and Enterpreneurship

096 **"Depicting Big Data: Producing a Technological Profile"**
Bildosola I, Rio-Bélver R, Cilleruelo E, Garechana G

025 **"Innovative spillovers and efficiency in the Brazilian industry"**
Yamashita B D, Moralles H F, Santana N B, Rebelatto D A N

063 **"Geospatial Coverage Patterns of Banking Strategic Groups in Venezuela"**
Flores Márquez S, Rodríguez-Monroy C, Peláez-García MA

066 **"On Executives' Strategic Choices and Decisions: Does Mental Model Matter?"**
Flávio Bressan

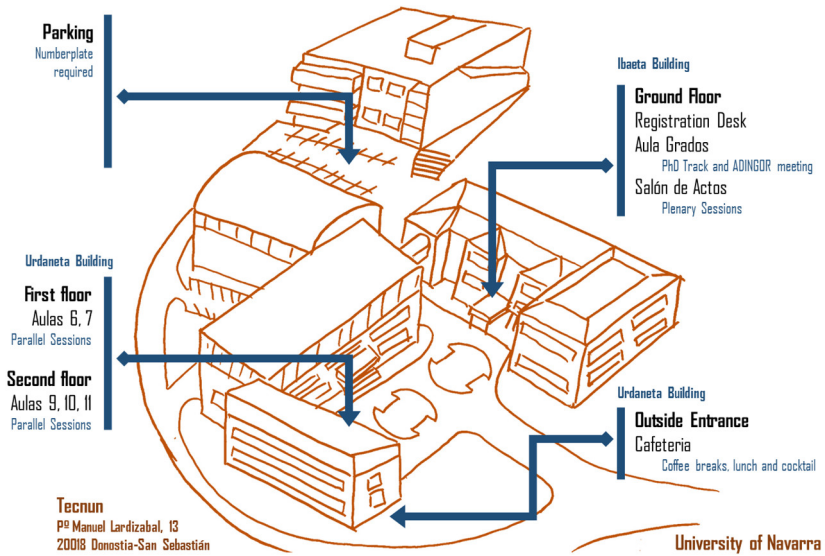|		Poster Session
Friday July 15th, 2016 - 11:00-11:30	**Cafetería**	
		054 **"The Mutual Influence Between Lean and Green Manufacturing and its Connection to Related Organizational Areas"** Salvador R, Piekarski CM, Francisco AC
		091 **"Stakeholders in IT Governance"** Rodriguez-Sanchez M.A., Capdevila-Ogando C., Quilis-Vaya L., Cuenca L.
		116 **"Big Data - An emerging technology in Supply Chain Management"** Cruz-Introini S , Boza A
		130 **"Processes management supported by AHP Multi-criteria method"** Nara E O B, Furtado J C, Storch C R R, Tedesco L P, Moraes J
		211 **"Organizational Resilience in Practice: the Viable System Model"** Ruiz-Martin C, Wainer G, Pérez Rios J, Pajares J, Hernández C, Lopez-Paredes A
		212 **"Action Research Projects as an Open Innovation Practice: Case Study of VW Navarra - University of Navarra"** Alfaro JA, Santos J, Herrera M, Mejía, A
		156 **"Supply Chain Management of Drugs by Profile Analysis of Pharmacist as Manager in Campinas, Brazil"** Mazzali M.G., Makiya I.K., Cesar F.I.G.
		120 **"The Liquidity Preference and its Reflections in the Micro Regions of the State of Rio de Janeiro"** Rodrigues N, Ribeiro A
		206 **"Organizational image as the reliability of production processes to the external client"** Sanches AM, Souza LJ, Marçal RFM
		111 **"An optimization model for storage and distribution planning of perishable products"** Pizzuti T, Giallombardo G, Mirabelli G
		159 **"Case study on the allocation of Mango waste"** Teles I, Santos A, Antonio W, Furtado D

Friday July 15th, 2016 - 11:30-12:30

Aula 6

Parallel Session. Education

141	**"Fatigue Analysis Of Aircraft Structure: Parametric Study Of Probabilistic Fatigue Crack Initiation In Metallic Riveted Structural Repairs"** Carvalho E. , Nóbrega M., Xavier J
027	**"A diagnosis of skills and abilities of the production engineering alumni according to the industry's view"** Santos P. F., Simon A. T., Guimarães G., Jr. Vieira M., Amorin M.
195	**"Use of Compressed Air Line Respirators During Maintenance of Towers and Process Vessels in the Chemical Industry"** Forte L, Paula A, Ripka C, Santos K, Zanardini, R

Aula 7

Parallel Session. Service Systems

047	**"Humanitarian Logistics oriented to Health Expeditions the case of Brazilian Amazon Indigenous population"** Martelli H., Makiya I.K., Cesar F.I.G.
119	**"Cost of hospital production: a study in a brazilian university hospital"** TA Souza, M das Chagas Marques, LE Blanski, GLR Vaccaro, GE Guimarães
205	**"Call improvements proposals in school management public through the queue theory: A case study"** Cunha B, Antonio W, Silva A

Aula 11

Parallel Session. Strategy and Enterpreneurship

171	**"Digital Economy. Strategic Actions to Adapt to the New Scenario"** Grijalvo M, Albini G , Morales-Alonso G
193	**"Assessing an incubator model in a technological centre: the importance of the spin-off's origin"** González A, Arcelus M
202	**"Photovoltaic Sector PEST Analysis"** Rodrigo L, Grijalvo M, Palacios M

Venue

Parking
Numberplate
required

Ibaeta Building

Ground Floor
Registration Desk
Aula Grados
PhD Track and ADINGOR meeting
Salón de Actos
Plenary Sessions

Urdaneta Building

First floor
Aulas 6, 7
Parallel Sessions

Second floor
Aulas 9, 10, 11
Parallel Sessions

Urdaneta Building

Outside Entrance
Cafeteria
Coffee breaks, lunch and cocktail

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