

CURRICULUM VITAE

Lorenzo B. Ros McDonnell
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Scholar google:

H index: 9

I10 index: 8

EDUCATION

- **Doctor of Industrial Engineering**, Universidad Politécnica de Valencia, Spain, 1991.
- **Master of Science in CAD-CAM/CIM**, Universidad Politécnica de Valencia, Spain, 1990.
- **Master of Industrial Engineering (Industrial Management), 5 years**, Universidad Politécnica de Valencia, Spain, 1987.
- **Bachelor of Electrical Engineering**, Universidad de Murcia, Spain, 1986.
- **Bachelor of Mechanical Engineering**, Universidad de Murcia, Spain, 1979.

UNIVERSITY EMPLOYMENT

<i>Level</i>	<i>University</i>	<i>Involvement</i>	<i>From</i>	<i>To</i>
Professor	Cartagena	Full time	13/10/99	currently
Assistant	Valencia	Full time	18/8/94	12/10/99
Tenured	Valencia	Full time	1/5/91	17/8/94
Associated	Valencia	Full time	11/2/91	10/3/91
Associated	Valencia	Full time	3/4/90	24/7/90
Associated	Valencia	Part time	1/9/89	31/10/89
Associated	Valencia	Part time	1/6/89	31/7/89

RESPONSIBILITIES AND EXPERIENCE

Professional association or research comitees

- **Association:** International society for inventory research (ISIR), <http://isir.hu/> ; year 2010 - date
- **Association:** Profesional Spanish association Industrial Engineering (ADINGOR), <http://www.adingor.es/> ; year 2000 – date

- **Association:** (INFORMS), <http://www.informs>; year 2013 - 2014
- **Association:** Decision Science Institute (DSI), <http://www.decisionsciences.org/> ; year 2012 - 2014.
- **Association:** System Dynamics Society, <http://www.systemdynamics.org/> ; year 2010 - 2014
- **Member of research comitees:**
 - Annals of Industrial Engineering – Springer, Editor in chief; years 2011 – 2016.
 - Journal Scientific Comitee; Journals: DYNA (from 2009), INNOVAR (from 2012), JPE (2007 – 2008)
 - Conference Scientific Comitee, Conferences: IMETI (from 2009), CIO (from 2008), CIIT (from 2009), ICEME (2010), IGLS (2004 - 2008)

Business experience to be highlighted:

- **Co-founder** of **BUSINESS INNOVATION TECHNOLOGY S.L.**, a Technology based firm, founded by Cartagena University operations management lecturers. 2012.
- **Co-founder** of **MOBILE ASSISTANCE TECHNOLOGIES Ltd.**, a start-up firm in Cambridge, UK. November 2011.
- **Co-founder** of **MEDIFAS** (Mediterranean for Advanced Studies), a Research Centre located in Nova Goriza, Slovenia. August 2007.
- **Co-founder** of **CARDIGULO S.L.** a technological firm in Cartagena, Spain. 2002.

University responsibilities to be highlighted:

- **Visiting Professor** for the Master Program in Logistics as part of the **Faculty of Economics, Ljubljana** University, Slovenia, from 2005 to date.
- Head of the Industrial Engineering **Research Group**, Universidad Politécnica de Cartagena (UPCT), from March 2001 to date.
- **ERASMUS University Coordinator** for Engineering and Economics, Universidad Politécnica de Cartagena (UPCT), students exchange with Sweden, Slovenia, UK, Germany, Portugal and the Netherlands, from March 2001 to date.
- University **Department Director**. Responsible of the new Department *Organización de Empresas*, UPCT, from October 1999 to March 2001.
- Responsible of **designing** and **implementing** three degrees, Bachelor of Industrial Engineering, Bachelor of Management, Master of Economics and for supporting the establishment of the Cartagena Business School. From January 1999 to September 1999.
- **University Vice-rector for innovation**, Universidad Politécnica de Cartagena (UPCT), from November 1998 to October 1999.
- University **Department Director**, Organización de Empresas, Universidad Politécnica de Valencia (UPV), from December 1997 to November 1998.
- **Master Program Director**, Systems Engineering applied to healthcare at the Universidad Politécnica de Valencia (UPV), from 1993 to 1996. Health vice-president 2012 was one of the Master Program students.
- **Member of several Doctorate Theses VIVA's**
 - Cardiff university, UK, 2005
 - Linköping University, Sweden, 2002
 - Universidad Politécnica de Valencia, Spain, 2004 - 2007
- **Member of several University tenure procedure**
 - Universidad de Valladolid, Spain, 2005
 - Universidad de Bilbao, Spain, 2003
 - Universidad Pompeu Fabra, Spain, 2003

University experience with industry/institutions:

- **Director** of innovative educational **Programs in Colombia**, as part of the Valencia University activities: joint Spanish-Colombian Doctorate programs in cooperation with Colombian Universities such as Bucaramanga and Barranquilla. Company training on Project Management for INVIAS and Operation Management for COLMOTORES, from January 1998 to February 1999.
- **Responsible** for defining the **joint venture** program between **Columbia** State University, USA and Universidad Politécnica de **Valencia** (UPV), Spain, dealing with 100 students and the University teaching staff for them, each term from September 1997 to November 1999
- Teaching and **planning Director**, **Mediterranean University** of Science and Technology (MUST), from September 1996 to November 1997. UNESCO advisor University.

- **Director of the courses:** Design and Management Manufacturing systems and Manufacturing under flexible frame; as part of the UNITWIN Chair, **Chair between UNAM (Mexico) and UPV (Spain)** Universities and sponsored by UNESCO, from June 1994 to June 1996.

DOCTORAL THESES SUPERVISOR (7)

I am currently supervisor of three Doctoral Theses:

- María Alonso Manzanedo, Industrial Engineer, Doctorate program Universidad Politécnica de Cartagena. This research deals mainly with collaborative networks in supply chain and maturity models.
- Csilla Fejes, Economist in business and marketing, Doctorate program Universidad Politécnica de Cartagena. This research deals mainly with new learning methodologies.
- Norina Szander, Economics Master, Doctorate program FOS University in Slovenia. This research deals mainly with house inventory management.

European thesis: *Demand variability management models for Supply Chain. Analysis of the Bullwhip effect*

Candidate: Francisco Campuzano Bolarín

University: Universidad Politécnica de Valencia

Mark: Excellent, cum laude

Year: 2006

This doctorate work was awarded the annual research prize (2007) of the Spanish Logistics Association. 2007.

Thesis: *Proposal of an Integrated Information System Model for managing Nurse Basic Units under the frame of the IE-GIP Architecture. Application to the Spanish Health Care System.*

Candidate: Gonzalo Grau Gadea

University: Universidad Politécnica de Valencia

Mark: Excellent, cum laude

Year: 2005

Thesis: *Proposal of a model integrating forward and reverse supply chains for the metal-mechanic sector.*

Candidate: María Victoria de la Fuente Aragón

University: Universidad Politécnica de Cartagena

Mark: Excellent, cum laude

Year: 2003

Thesis: *HR model development based on business processes. Application to Logistics Systems*

Candidate: Carmen de Nieves Nieto

University: Universidad Politécnica de Cartagena

Mark: Excellent, cum laude

Year: 2003

Thesis: *Development of a model to management control, application to the industrial sector of sugar manufacturing in Colombia.*

Candidate: Jorge Niño Vera

University: Universidad Politécnica de Valencia

Mark: Pass

Year: 2000

Thesis: *Proposal for the development of integration programs for industrial companies. Application to the ceramic sector*

Candidate: Angel Ortiz Bas

University: Universidad Politécnica de Valencia

Mark: Excellent, cum laude

Year: 1999

Thesis: *Reference architecture for the integrated organization of the enterprise*

Candidate: Ricardo Chalmeta Rosaleñ

University: Universidad Politécnica de Valencia

Mark: Excellent, cum laude

Year: 1996

PROJECT PARTICIPATION WITH PUBLIC CALL (15)

Name: Knowledge, Training and ICT for dynamic capacities. Sector impact.

Entity: Spanish Ministry of Education and Science

Duration from: January 2012

To: December 2014

10 researchers

University Budget: 13,500.00 €

Projects Leaders: Dr. Juan Gabriel Cegarra Navarro

Name: Information Architectures for Universities – gti4U.

Entity: University Rectors Agency - CRUE
Duration from: January 2011 **To:** December 2011 10 researchers
University Budget: 30,000.00 €
Projects Leaders: Dr. Antonio Fernandez **WEB:** www.gti4U.es/equipo.html

Name: Academic cooperation between Costa Rica and the Murcia region A/032048/10.
Entity: Agencia Española de Cooperación Internacional para el Desarrollo (AECI)
Duration from: January 2011 **To:** December 2012 14 researchers
University Budget: 35,900.00 €
Projects Leaders: Dr. Antonio Juan Briones

Name: Distributed parameters for supply chain management and spatial games.
Entity: Foreign affairs ministries from Slovenia and Spain.
Duration from: January 2004 **To:** December 2005 6 researchers
Budget: 100% marginal costs
Projects Leaders: Dr. Marija Bogataj and Dr. Lorenzo Ros McDonnell

Name: European Master degree in Logistics (Project number 63651-IC-1-2002-ES-ERASMUS-PROGUC-1)
Entity: European Union - ERASMUS
Duration from: July 2003 **To:** July 2006 4 Universities
Project cost: 142,673.00 €
Project Leader: Dr. Lorenzo Ros McDonnell

Name: Development of a methodology to apply Reverse Engineering to Business Units. PI-71-00880-FS-01.
Entity: Fundación SENECA, Spain
Duration from: January 2002 **To:** December 2003 10 researchers
Project cost: 16,227.00 €
Project Leader: D. Lorenzo Ros McDonnell

Name: Performance Measurement System for Total Quality Management (TQM-Tile)
 Ref. ESPRIT 26736
Entity: European Union
Duration from: July 1997 **To:** December 1999 15 researchers
Involvement: Researcher
Project Leader: D. Manuel Martinez Bernal Sanchis

Name: Supply Chain Management Optimization under uncertainty (SCHUMANN)
 Ref. ESPRIT 26267
Entity: European Union
Duration from: July 1997 **To:** December 1999 15 researchers
Involvement: Researcher and financial Project Manager
Project Leader: Dr. Francisco Cruz Lario Esteban

Name: Methodology for implementing Hierarchical Management on Logistics and Operational Systems
 Ref. TAP97-0749
Entity: Consejo Interministerial de Ciencia y Tecnología (CICYT), Spain
Duration from: June 1997 **To:** June 1999 15 researchers
Involvement: researcher
Project Leader: Dr. Eduardo Vicens Salort

Name: Implementation and updating of manufacturing systems and hierarchical organizations
 Ref. TIC96-2242-E
Entity: Consejo Interministerial de Ciencia y Tecnología (CICYT), Spain
Duration from: January 1995 **To:** December 1995 10 researchers
Involvement: researcher
Project Leader: Dr. Eduardo Vicens Salort

Name: Integration software for management of industrial companies, updated to the open architectures and methodologies GRAI and IMPACS”
 Ref. CICYT TAP95-0880
Entity: Consejo Interministerial de Ciencia y Tecnología (CICYT), Spain
Duration from: July 1995 **To:** July 1998 10 researchers
Involvement: researcher
Project Leader: Dr. Fco-Cruz Lario Esteban

Name: Permanent training on management of health care personnel (IANUS)
 Ref. TIC95-1680-E
Entity: Consejo Interministerial de Ciencia y Tecnología (CICYT), Spain
Duration from: January 1995 **To:** December 1995 5 researchers

Involvement: researcher and coordinator
Project Leader: Dr. Fco-Cruz Lario Esteban

Name: Manufacturing management system in the metal mechanic industry. Group technology application on planning and programming in manufacturing, using simulation to evaluate the performance of the system."
Ref. TAP92-0543

Entity: Consejo Interministerial de Ciencia y Tecnología (CICYT), Spain
Duration from: June 1992 **To:** July 1995 5 researchers

Involvement: researcher
Project Leader: Dr. Fco-Cruz Lario Esteban

Name: USA-SPAIN working group on Research and Education for industrial companies, founded by the National Scientific Foundation (USA) and the Comisión Científico-Técnica Española (CICYT).

Entity: Consejo Interministerial de Ciencia y Tecnología (CICYT), Spain
Duration from: June 1993 **To:** June 1995 30 researchers

Involvement: researcher
Project Manager: Dr. Rafael Teillet

Name: Development of a methodology for implementing CIM in SME's (CIMple)
Ref. 5424 ESPRIT II

Entity: European Community
Duration from: June 1990 **To:** March 1991
Involvement: researcher and person in charge for Spanish partner (BLOBIS S.L.)
Project Leader: Sharron Burgmeier

CONTRACTS with COMPANIES and/or ASSOCIATIONS (25)

Project Name: Advanced packaging systems for perishable products (AdFresh)

Company: Frutas y Hortalizas Santomera S.L., Transportes Marcial S.L., Frutas Scorpyus S.A., Towers S.L., Sociedad Cooperativa el Picarcho.

From: June 2011 **To:** December 2014

Contract budget: 1,464,059.00 €

Project manager: Dr. Lorenzo Ros McDonnell & Dr. Antonio López **Number of persons involved:** 30

Project Name: Prototype of Logistics network for the Agriculture sector

Company: Transportes Marcial S.L., Grupo Hortiberia S.A., Serviman Murcia S.L., Nova Cluster AIE.

From: April 2009 **To:** July 2013

Contract budget: 2,215,085.00 €

Project manager: Dr. Lorenzo Ros McDonnell **Number of persons involved:** 15

Project Name: Subcontracting of the AVANZA TSI-030100-2008-489 Project

Company: RGR Asesoría y Gestión Sistemas S.L.

From: January 2008 **To:** December 2008

Contract budget: 11,890.00 €

Project manager: Dr. Lorenzo Ros McDonnell **Number of persons involved:** 5

Project Name: Analysis of the Naval sector for the Maritime Technological Centre

Company: Centro Tecnologic Naval y del Mar

From: May 2004 **To:** December 2004

Contract budget: 14,964.00 €

Project manager: Dr. Lorenzo Ros McDonnell **Number of persons involved:** 5

Project Name: Training necessities for the sector of the Maritime Technological Center

Company: Centro Tecnologic Naval y del Mar

From: May 2004 **To:** December 2004

Contract budget: 8,990.00 €

Project manager: Dr. Lorenzo Ros **Number of persons involved:** 5

Project Name: Technical assistance to provide the necessary support to make the inventory of products for the National Geographic Center

Company: Tasaciones del Sureste

From: January 2003 **To:** June 2003

Contract budget: 3,786.00 €

Project manager: Dr. Lorenzo Ros **Number of persons involved:** 3

Project name: Information system for planning and control of the healthcare transport system. Application to the 5th healthcare area, Valencia, Spain

Company: Conselleria de Sanitat

Duration from: September 1994 **To:** June 1996

Contract budget: Student grant

Project manager: Dr. Lorenzo Ros and Salvador Guillén

Project name: Flexible Manufacturing, UNESCO program on Advanced Engineering at the UNAM, Mexico.

Company: Grupo Santander, UNESCO, UNAM.

Duration from: January 1994 **To:** July 1996

Contract budget: 10,000.00 €

Project leader: Dr. Lorenzo Ros

Mentioned before under the heading Responsibilities and Experience

Project name: Design and Management of manufacturing systems, UNESCO program on Advanced Engineering at the UNAM, Mexico.

Company: Grupo Santander, UNESCO, UNAM

Duration from: January 1994 **To:** July 1996

Contract budget: 10,000.00 €

Project leader: Dr. Lorenzo Ros

Mentioned before under the heading Responsabilitie and Experience

Project name: Analysis, design and development of an information system for a logistic company.

Company: Empresa de transportes internacionales

Duration from: September 1994 **To:** June 1995

Contract budget: Student grant

Project manager: Dr. Lorenzo Ros

Project name: Modelling and simulation of the health care unit, application to the Urology Unit.

Company: Hospital General Universitario de Valencia

Duration from: January 1993 **To:** December 1993

Contract budget: Student grant

Project manager: Dr. Lorenzo Ros and Salvador Guillén

Project name: To prepare the health care standards, application to the Hospital General Universitario de Valencia

Company: Hospital General Universitario de Valencia

Duration from: January 1993 **To:** December 1993

Contract budget: Student grant

Project manager: Dr. Lorenzo Ros and Salvador Guillén

Project name: Modelling and simulation of the income patient process in a health care centre. Application to the Hospital General Universitario de Valencia

Company: Hospital General Universitario de Valencia

Duration from: January 1993 **To:** December 1993

Contract budget: Two student's grants

Project manager: Dr. Lorenzo Ros and Salvador Guillén

Contract: Proposal to improve the manufacturing in a leather company. Design of a transport chain, evaluating the performance through simulation.

Company: Sebastian García e Hijos S.A.

Duration from: January 1993 **To:** December 1993

Contract budget: Student grant

Project leader: Dr. Lorenzo Ros

HIGHER EDUCATION TEXTBOOKS (7)

Authors: Ros-McDonnell L. & C. de Nieves Nieto

Book name: Estructuras de recursos humanos basadas en los procesos de los sistemas logísticos como entidades de negocio

Publisher: Universidad Politécnica Cartagena,

Year 2006

ISBN: 978-849-3233983 Pages: 315

Authors: Lario F., Vicens E., Ros McDonnell L., Ortiz A., Poler R., Andres C., Alemany M.M.

Book name: Management of advanced manufacturing systems

Publisher: Servicio de Publicaciones de la Universidad Politécnica de Valencia, ISBN: 84-7721-746-7	Year 1999
Authors: Gil I., Guarch J.J., Palacios D., Ros McDonnell L. Book Name Arquitecturas Hardware y Telecomunicaciones Publishers: Servicio de Publicaciones de la Universidad Politécnica de Valencia, Dep. Legal: S.P.V. 98.271	Year 1998
Authors: Ros McDonnell L. , Guarch J.J., Grau G., Bernal R., Ortiz A. Book Name Apuntes de Gestión de Sistemas y Tecnologías de Información Publishers: Servicio de Publicaciones de la Universidad Politécnica de Valencia, Dep. Legal: S.P.V. 97.175	Year 1997
Authors: Ros McDonnell L. , Chalmeta R., Bernal R., Grau G. Book Name Administración de organizaciones y gestión integrada de los sistemas y tecnologías de la información, Prácticas Publishers: Servicio de Publicaciones de la Universidad Politécnica de Valencia, Dep. Legal: S.P.V. 96.219	Year 1996
Authors: Ros McDonnell L. , Bernal R., Grau G., Ortiz A., Chalmeta R. Paper: Management of Information Technologies Publisher: Servicio de Publicaciones de la Universidad Politécnica de Valencia, Dep. Legal: S.P.V. 95.787	Year: 1995
Authors: Rodero B., Vicens E., Ros McDonnell L. Book name Work study Publisher: Servicio de publicaciones de FORD España S.A., ISBN: Training Company book	Year: 1989

BOOKS AS EDITOR (12)

Title: Industrial engineering: overcoming the crisis Authors: Several Book editors: Prado-Pardo J., Garcia Arca J. Editors in chief: Onieva L. and Ros McDonnell L. Book: Annals of Industrial Engineering 2012 Place: Springer, London ISBN: 978-1-4471-5349-8 y 978-1-4471-5348-1 http://www.springer.com/engineering/production+engineering/book/978-1-4471-5348-1	Year: 2014 Pages: 374
Title: Industrial engineering: innovative networks Authors: Several Editors: Suresh P Sheti, Bogataj M. & Ros McDonnell L. Book: Annals of Industrial Engineering 2011 Place: Springer, London ISBN: 978-1-4471-2320-0 Library of Congress control number: 2011945110	Year: 2012 Pages: 396
Title: Accessibility and flow of human resources between Slovenian regions Authors: Drobne S. & Bogataj M. Editors: Ros McDonnell L. & Vodopivec R. Place: Faculty of economics, University of Ljubljana, Slovenia ISBN: 978-961-6167-98-7 COBISS-SI-ID-258509056	Year: 2011
Title: Factors influencing investment attractiveness of regions. Accessibility and investment attractiveness of CE regions. Authors: Bogataj M., Damborsky M., Kourilova J. & Vodopivec R.. Editors: Bogataj L., Wokoun R & Ros McDonnell L. Book: Mathematical Economics, Operational Research and Logistics, serial Place: Faculty of Economics, University of Ljubljana, Slovenia ISBN: 978-961-240-186-3 COBISS-SI-ID-249888000	Year: 2010
Title: Faktorji ki vplivajo na investicijsko privlačnost regij, Gravitacijski modeli slovenskih migracij v podporo investicijski politiki. Authors: Bogataj M., Drobne S., Liseč A.	

- Editors:** Bogataj L., Wokoun R., **Ros McDonnell L.** & Vodopivec R.
Book: Mathematical Economics, Operational Research and Logistics, serial
Place: Faculty of Economics, University of Ljubljana, Slovenia **Year:** 2009
ISBN: 978-961-240-184-9
COBISS-SI-ID: 249797376
-
- Title:** The evaluation of virtual activities in global supply chains
Authors: Bogataj L., Kisperska MD., Bogataj M., Kovacic D.
Editors: **Ros McDonnell L.** & Vodopivec R.
Book: Mathematical Economics, Operational Research and Logistics, serial
Place: Faculty of Economics, University of Ljubljana, Slovenia **Year:** 2009
ISBN: 978-961-240-183-2
COBISS-SI-ID: 249239296
-
- Title:** A compact representation of distribution and reverse logistics in the value chain
Authors: Grubbström R.W., Bogataj M., & Bogataj L.
Editors: **Ros McDonnell L.** & L. Bogataj
Book: Mathematical Economics, Operational Research and Logistics, serial
Place: Faculty of Economics, University of Ljubljana, Slovenia **Year:** 2007
ISBN: 978-961-240-115-3
COBISS-SI-ID: 234789888
-
- Title:** Estudio de las necesidades de formación en el Sector Naval y Marítimo de la Región de Murcia. (*Naval and maritime sector training necessities for the Murcia Region*)
Authors: **Ros McDonnell L.**, de Nieves C., de la Fuente M.V. and García R.
Editors: **Ros McDonnell L.**
Place: Cartagena **Year:** 2006
ISBN: 84-689-3301-5 **Pages:** 136
-
- Title:** A study of the naval and maritime sector for the Murcia region
Authors: **Ros McDonnell L.**, de la Fuente M.V., de Nieves C. and García R.
Editors: **Ros McDonnell L.**
Place: Cartagena **Year:** 2006
ISBN: 84-689-3300-7 **Pages:** 133
-
- Title:** Propuesta de un nuevo modelo de atención sanitaria en el primer nivel asistencial: Las Unidades de Enfermería Militar. (*A new health care model for the first care level: Military care units*)
Authors: **Ros McDonnell L.**, Grau G., Guillén S.
Editors: **Ros McDonnell L.** and de la Fuente M.V.
Place: Cartagena **Year:** 2005
ISBN: 84-689-2969-7 **Pages:** 75
-
- Title:** Las Unidades de Enfermería: análisis de los procesos en el primer nivel asistencial. (*Nurse units: processes analysis at the first care level*)
Authors: Grau G., **Ros McDonnell L.**, Sotos F.
Editors: **Ros McDonnell L.** and de la Fuente M.V.
Place: Cartagena **Year:** 2005
ISBN: 84-932339-7-8 **Pages:** 107
-
- Title:** Plan Director de Sistemas de Información Sanitario de la Defensa (*Health Care information system master plan for the Ministry of Defence*)
Authors: de la Cerda A., Delgado J.A., Sotos F., González J.L., Alcusa J.R.
Editors: **Ros McDonnell L.** and de la Fuente M.V.
Place: Cartagena **Year:** 2005
ISBN: 84-932339-5-1 **Pages:** 120
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SCIENTIFIC JOURNALS OR BOOK CHAPTERS (38)

-
- Authors:** MV. De-la-fuente and **Ros-McDonnell L**
Paper: VIRTUAL OFFICE: a web platform for a new collaborative networked organization
Publishers: International journal of web portals (IJWP)
ISSN:, **Volume pages** **year** 2015
<http://www.igi-global.com/journal/international-journal-web-portals-ijwp/1113>

Authors : de la Fuente-Aragón MV, Ros-McDonnell D, Ferrer-Ayala MA, Muñoz-Guillermo M, Cavas-Martínez F, **Ros-McDonnell L**

Chapter title: ALINEACIÓN DE LOS RESULTADOS DEL APRENDIZAJE, LA METODOLOGÍA DOCENTE Y LA METODOLOGÍA DE EVALUACIÓN EN ASIGNATURAS DE LA UPCT

Book: Equipos Docentes: experiencias y resultados (2013-2014) **Volume:3** **Pages**: 219 to 230.

Publisher: Universidad Politecnica de Cartagena

year 2014

Book ISBN: 978-48-16325-01-6

Authors: De la Fuente-Aragón MV, Ros-McDonnell D, **Ros-McDonnell L**, Ferrer-Ayala MA, Suardíaz-Muro J, Hontoria-Hernández E, Muñoz-Guillermo M, Cavas-Martínez F.

Chapter title: MEJORA DEL PROCESO ENSEÑANZA-APRENDIZAJE EN LAS ENSEÑANZAS TÉCNICAS: METODOLOGÍA LEARNING-BY-DOING

Book: Equipos Docentes: experiencias y resultados (2013-2014) **Volume:3** **Pages**: 231 to 250.

Publisher: Universidad Politecnica de Cartagena

year 2014

Book ISBN: 978-48-16325-01-6

Authors: De la Fuente MV., **Ros-McDonnell L**.

Paper: Innovando en la cadena logística de frío

Publishers: Dyna

ISSN: 1989-1490, **Volume** 88 **number** 3 **Pages**: 726 - 731

year 2013

<http://www.revistadyna.com/Dyna/cms/articulos/>

Authors: Hontoria E., MV. De-la-fuente , **Ros-McDonnell L** and M. Bogataj

Paper: Monte Carlo Simulation applied to the logistics of ceramics

Publishers: Journal of Economics & Management

ISSN: 1732-1948, **Volume** 11 **pages** 5 - 16

year 2013

<http://www.wydawnictwo.ue.katowice.pl>

Authors: Campuzano-Bolarín F., Martínez-Caro E., **Ros-McDonnell L**.

Paper: Evolución: Cadenas de suministro tradicionales y colaborativas

Publishers: Dyna

ISSN: 1989-1490, **Volume** 87 **number** 5

year 2012

<http://www.revistadyna.com/Dyna/cms/articulos/FichaArticulos.asp?IdMenu=10&IdDocumento=5237&IdEjemplar=563>

Authors: Campuzano-Bolarín F., Bogataj M., **Ros-McDonnell L**.

Paper: Contingency between elasticity of demand and bullwhip effect in logistics chains

Book: Innovative networks. Annals of Industrial Engineering 2012.

Publishers: Springer, London

ISBN: 978-1-4471-2320-0, **Chapter pages** 201 – 208

year 2012

Authors: MV de la Fuente, E. Hontoria, **Ros-McDonnell L**.

Paper: A simulation-based solution for optimal logistics of heavy and variable size items

Book: Innovative networks. Annals of Industrial Engineering 2012.

Publishers: Springer, London

ISBN: 978-1-4471-2320-0, **year** 2012, **Chapter pages** 291 - 298

Year 2012

Authors: MV de la Fuente, **Ros-McDonnell L**., E. Hontoria

Paper: Analysis of processes for a collaborative network

Book: Innovative networks. Annals of Industrial Engineering 2012.

Publishers: Springer, London

ISBN: 978-1-4471-2320-0, **Chapter** 34 **pages** 299 – 308

Year 2012

DOI: 10.1007/978-1-4471-2321-7_34

<http://www.springerlink.com/content/g674754825324g81>

Authors: **Ros-McDonnell L**., MV de la Fuente, M. Bogataj

Paper: An approximate algorithm for optimal logistics of heavy and variable size items

Publishers: Springer, CEJOR (2012) 20, pages 1 – 17

DOI: 10.1007/s10100-010-0155-6 **ISSN**: 1435-246X

Year 2012

<http://www.springer.com/business+%26+management/operations+research/journal/10100>

Authors: Hontoria E., Fernández A., de la Fuente MV, **Ros-McDonnell L**.

Paper: Method for IT governance based on enterprise modelling

Publishers: Dirección y organización. Volume 45

ISSN: 1132-175X **e-ISSN**: 2171-6323, pages 5 - 10

Year 2011

Authors: **Ros-McDonnell L**., de la Fuente MV

Paper: Information technology in collaborative networks

Book: New trends in technologies control: control, management, computational intelligence and network systems

Publishers: SCIYO.

Year 2010

ISBN: 978-953-307-213-5, pages 361 - 368

www.intechopen.com/articles/show/title/information-technology-in-collaborative-networks

Authors: de la Fuente MV, **Ros-McDonnell L.**

Paper: What to do with rejected loads in the agrifood chains?

Book: Enterprise information systems. **Series:** Communication in Computer and Information Science

Publishers: Springer, London. **Volume** 109

Year 2010

ISSN: 1865-0929 **ISBN:** 978-3-642-16401-9

Pages: 251 – 260

<http://www.springerlink.com/content/k066p3v0461qg873>

Authors: **Ros-McDonnell L.** & Guillén Salazar S.

Paper: Information systems for management of organization and its activities

Publishers: Handbook of research on development in e-health and telemedicine. Technological and social perspectives. Hershey, New York

Year 2010

ISBN: 978-1-61520-670-4, 2010, **pages** 511 – 582. **Chapter** 24

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Authors: **Ros McDonnell L.**, de la Fuente M.V., García M.R., Campuzano F., de Nieves C.

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