Curriculum Vitae - Helena Carvalho

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Full name: Helena Maria Lourenço Carvalho Remigio
Short name: Helena Carvalho
Date and country of birth: 16 May 1977, Portugal
Nationality: Portuguese
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EDUCATION

2012 - Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa
PhD in Industrial Engineering. Thesis title: “Modelling Resilience in Supply Chain”
Supervised by Prof. Virgílio Cruz Machado

2005 - Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa
MSc in Industrial Engineering. Thesis title: “Methodology to evaluate supply chain scenarios under uncertainty” (in Portuguese)
Supervised by Prof. Virgílio Cruz Machado

2001 - Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa
BSc in Physics Engineering. Thesis title: “Development of a quartz crystal microbalance to study molecules adsorption in solid/liquid interfaces” (in Portuguese)
Supervised by Prof. Maria de Fátima Raposo

PEDAGOGIC ACTIVITY

Since 2002 - Department of Mechanics and Industrial Engineering from Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa
Lecture the following courses: Quantitative Methods, Integrated Project, Industry Information Systems, Decision Models, Logistics, Production Planning and Control, Production Management, Economic Engineering and Introduction to Industrial Engineering.

From 2002 to 2003 - Department of Physics from Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa
Lecture the following courses: Physics I (Classical Mechanics) and Physics II (Thermodynamics).
**RESEARCH PROJECTS**

“Lean, agile, resilient and green supply chain management”. This project involves 18 researchers from three research units (UNIDEMI, UNINOVA and UBI).

Project funding by program MIT-Portugal, Fundação para a Ciência e Tecnologia (Project MIT-Pt/EDAM-IASC/0033/2008). Project duration: 3 years. End date: 2012.

“Supply Chain Management: design for resilient systems”. This project involved 9 researchers from three research units (UNIDEMI, CRI and NECE).


**PUBLICATIONS**

**in press - International journals**

Azevedo, S. G., Carvalho, H., and Cruz-Machado, V. Using interpretive structural modeling to identify and ranking performance measures: an application in the automotive supply chain. Baltic Journal of Management, in press (Impact factor: 0.5)


**2012- International journals**


**2011 - International journals**


**2010 - International journals**

**Book chapters**


**2012 - International conferences**


**2011 - International conferences**


2010 - International conferences


until 2009 -International conferences


*Others scientific outputs*


*ATTENDANCE AT SEMINARS*

- EDEN Doctoral Seminar on Research Methodology in Operations Management, Brussels, Belgium, 6-10 February 2012.

*AWARDS*

- “2010 ISMSEM Advancement Prize for MSEM”, Nominated Prize, endorsed by International Society of Management Science and Engineering Management
- FCT/UNL award for best student in Physics Engineering in 2000/2001
FUNDING
PHD scholarship by Fundação para a Ciência e Tecnologia (SFRH/BD/43984/2008)

PROFESSIONAL MEMBERSHIPS

- IPEI - Instituto Português de Engenharia Industrial
- EurOMA - European Operations Management Association
- DAAAM International - Danube Adria Association for Automation & Manufacturing