

Giuditta Pezzotta is Associate Professor at the Department of Management, Information and Production Engineering- University of Bergamo. She received her PhD degree in Management, Economics and Industrial Engineering from Politecnico di Milano in 2010. During her PhD studies, she was a visiting PhD student at DIAL - Institute for Manufacturing - University of Cambridge in UK. Her PhD was in the Service Engineering and Product-Service System fields. She has also been visiting researcher at the University of Botswana, Tokyo Metropolitan University and Blekinge Institute of Technology.

Through her work at CELS, since 2006 she has been involved and has coordinated several industrial and research projects related to the Product-Service field. The most relevant are reported hereafter:

- In 2006 she was involved in the European Project LOG4SMEs - Improving logistics performance of SMEs in the automotive sector (INTERREG) as young researcher
- Since 2006 she is working within the ASAP Service Management Forum, and from 2010 to 2015 she was coordinating of the Automotive Section
- From 2010 to 2014 she was involved in the scientific activities of the Heavy Truck focus group sponsored by ExxonMobil at the Engineering Department of University of Bergamo.
- In 2013, she won a Research Grant from ABB about the Engineering and Assessing Condition Based Maintenance Product-Service Solutions; the Grant has been reconfirmed for 2014 and 2015. She was involved in the project as Technical coordinator
- From 2011 to 2015 she was the technical coordinator of the ProSSaLiC (Product-service System along Lifecycle) project financed European Project - IRSES - EC Marie Currie action. She was also one of the leading proponents of the project.
- From 2015 to 2018, she was working as technical coordinator in the EU funded DIVERSITY project (Cloud Manufacturing and Social Software Based Context Sensitive Product-Service Engineering Environment for Globally Distributed Enterprise) aiming at developing a PSS Engineering platform.
- From 2015 she has been responsible of research contracts with industrial companies in the area of Product Service System Engineering
- From 2017 to 2019 she was working on the PROMETEO project (funded by Lombardy Region) aiming at implementing predictive maintenance techniques in SMEs funded by Lombardy Region
- From 2017 she is technically coordinating the projects FRESH CUT and AGROFUTURE (funded by Lombardy Region) aiming at driving agro-food industry towards the adoption of new industry 4.0 technologies
- From 2017 to 2019: External Reviewer of the Erasmus+ KA2 MILETUS (Students' Mobility Capacity Building in Higher Education in Ukraine and Serbia - 574050-EPP-1-2016-1-DE-EPPKA2-CBHE-SP) project for the Politecnico di Milano.
- From 2019 she is working as senior researcher in the European Union-funded project DigiFoF (The FoF-Designer: Digital Design Skills for Factories of the Future (DigiFoF) (Erasmus+ Knowledge Alliance 601089-EPP-1-2018-1-RO-EPPKA2-KA) aimed at the adoption of business process modeling and simulation techniques for smart factory design and specifically product-service solution design.

Editor and Guest editor of journals

She is author of more than 80 refereed international and national journal and conference papers.

In 2012, she edited a special issue on "Product Service System Engineering: From Theory to Industrial Applications" for Computers in Industry

In 2017 she edited a special issue on: "Lifecycle Management of Product Service Systems and Smart Products" for the International Journal of Product Lifecycle Management.

In 2021 she is working as Guest Editor to the Special Issue " Digital technologies to support lifecycle management of smart product-service solutions" for Computers in Industry

In 2021 she is working as Guest Editor to the Special Issue "The Automotive Industry under Digital Transformation: The Impact on Business Model and Business Process Evolution" in the Energies journal

In 2016 she was the organizing committee chair of the CIRP IPSS Conference organized in Bergamo (Italy). She was editor of the conference proceedings "Procedia CIRP: Product-Service Systems across Life Cycle" Volume 47, Pages 1-566 (2016).

Affiliation to academies of recognized prestige in the industry

- Co-Leader of the SIG "Service Systems Design, Engineering and Management" of IFIP Working Group 5.7 on Advances in Production Management Systems (APMS)
- Candidate Member of IFIP Working Group 5.7 on Advances in Production Management Systems (APMS) since 2019
- Member of IFAC WG5.8 since 2018
- Member of CIRP IPSS Community - 2012 to 2019
- Member of AIDI - 2014 to present
- Member of ISSIP - 2016 to present

Teaching

Since 2006, she is teaching at the Engineering Department of the University of Bergamo in the following area: Production Management, Operations Management and Service Management both at the Italian and in English classes. In the last years, she has supervised more than 100 master students.

PhD supervisors

ADVISOR of PhD students

- From November 2014 to October 2017 Advisor to Alice Rondini, PhD student at the University of Pavia of the "Doctoral Research in Economics and Management of Technology" (DREAMT) programme
- From February 2015 to January 2018 Advisor of Claudio Sassanelli, PhD student at Politecnico di Milano of the Doctoral Research in Management Engineering (DRIG) programme
- From October 2017 to September 2020 today Advisor of Roberto Sala, PhD student at 'Università degli studi di Bergamo in Technology, innovation and management (TIM).
- From October 2017 to September 2020 Advisor of Michela Zambetti, PhD student at the University of Bergamo in Technology, innovation and management (TIM).

EXTERNAL EXAMINER OF DOCTORAL THESES

- Martha Orellano, PhD Jury member November 2019 - Ecole des Mines de St Etienne (France)
- Tabea Ramirez Hernandez, PhD assessment committee member, November 2020 Technical University of Denmark

WORK EXPERIENCE

From 02/02/2021 Associate Professor

Università degli Studi di Bergamo – Department of Management, Information and Production Engineering

- Research activities and industrial projects in the following area:
 - Product Service System
 - Service Engineering and Design
 - Service Operations (modelling and simulation)
 - Product Service System and Industry 4.0
 - Modeling and simulation for Industry 4.0
 - Asset-related service management

From 31/08/2017 Assistant professor
01/02/2021 Ricercatore a tempo determinato L.240/10 tipo B

Università degli Studi di Bergamo – Department of Management, Information and Production Engineering

- Research activities and industrial projects on the following area:
 - Product Service System
 - Service Engineering and Design
 - Service Operations (modelling and simulation)
 - Product Service System and Industry 4.0
 - Modeling and simulation for Industry 4.0
 - Asset-related service management
- Technical coordinator of the H2020 DIVERSITY project on “Cloud Manufacturing and Social Software Based Context Sensitive Product-Service Engineering Environment for Globally Distributed Enterprise”
- Technical coordinator of AGROFUTURE and FRESHCUT projects (funded by Lombardy region)
- Researcher in the PROMETEO project (funded by Lombardy region)
- Industrial projects in the area of PSS Engineering and Servitization

From 01/06/2015 to Researcher
31/08/2017 Ricercatore a tempo determinato L.240/10 tipo A

Università degli Studi di Bergamo – Department of Management, Information and Production Engineering

- Research activities and industrial projects on the following area:
 - Product Service System
 - Service Engineering and Design
 - Service Operations (modelling and simulation)
- Technical coordinator of the DIVERSITY project on “Cloud Manufacturing and Social Software Based Context Sensitive Product-Service Engineering Environment for Globally Distributed Enterprise”

From 01/01/2010 to Research Fellow
31/05/2016

Università degli Studi di Bergamo – CELS Research Group on Industrial Engineering, Logistics and Service Operations (Italy)

- Research activities and industrial project in the following area:
 - Service in the Automotive Sector
 - Product Service System
 - Service Engineering and Design
 - Service Operations (modelling and simulation)
 - Condition Based Maintenance

- Technical coordinator of the financed European Project - IRSES - EC Marie Currie action ProSSaLiC
- Technical coordinator on the ABB research Grant on "Engineering and Assessing Condition Based Maintenance Product-Service Solutions"
- Technical coordinator on the DIVERSITY project on "Cloud Manufacturing and Social Software Based Context Sensitive Product-Service Engineering Environment for Globally Distributed Enterprise"

From 01/09/2006 to 2015 **Assistant teacher and tutor**

Università degli Studi di Bergamo – Engineering Department (Italy)

- Teaching and tutoring activities in the following courses
 - Operations Management (Italian and English)
 - Production Management (Italian)
 - Service Management (English)

From March 2012 to April 2012 **Marie Curie fellow**

Tokyo Metropolitan University – Shimomura Lab (Japan)

- Research activities in the following area:
 - Service Engineering
 - Service Operations (modelling and simulation)

From 01/02/2006 to 01/01/2010 **Research Assistance**

Università degli Studi di Bergamo – CELS Research Group on Industrial Engineering, Logistics and Service Operations (Italy)

- Research activities in the following area:
 - Service in the Automotive Sector
 - Product Service System
 - Service Engineering and Design

EDUCATION AND TRAINING

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- From 01/01/2007 to 31/12/2009 **PhD in Management, Economics and Industrial Engineering**
Politecnico di Milano (Italy)
- PhD thesis title: Integrated Engineering of Product-Services throughout the life-cycle phases
- From 15/01/2009 to 23/07/2009 **PhD visiting student in Industrial Engineering**
IFM – University of Cambridge (UK)
- Engineering of Product-Services
 - Product-Services Design
- From October 2003 to December 2005 **Master Degree in Management and Industrial Engineering**
Università degli Studi di Bergamo (Italy)
- Master thesis title: Valutazione dell'impatto delle tecnologie RFID sui processi di magazzino della GDO
- From October 2000 to September 2003 **Bachelor Degree in Management and Industrial Engineering**
Università degli Studi di Bergamo (Italy)
- Master thesis title: Problematiche degli agenti antitarma su substrati lanieri

OTHER DUTIES

Since 2021 he has been a member of the board of directors of Amandla cooperativa sociale. The aim of the cooperative is to disseminate fair trade practices and critical and sustainable consumption.

PUBLICATIONS

Please find the list of my publication at the following links

Scholar:

<https://scholar.google.it/citations?user=8kgEjHkAAAAJ&hl=en&authuser=1&oi=a>

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ResearchGate: https://www.researchgate.net/profile/Giuditta_Pezzotta