

The women of WIDS-Barcelona2023



WiDS-Barcelona 2023

April 20th, 2023. 9:30h-14:30h

Manel Martí Recober Event's Hall of the FIB

The women of WIDS-Barcelona2023



Welcome



Josefina Antonijuan Rull
Vice-Rector for Social Responsibility and
Equality
vra.antonijuan@upc.edu

Josefina Antonijuan Rull holds a bachelor-master degree in mathematical sciences from the University of Barcelona (1993) and a doctorate in mathematical sciences from the Universitat Politècnica de Catalunya (1999). Since 2002 she is Professor at the Department of Mathematics at

the UPC. She has taught at the Polytechnic School of Engineering of Vilanova i la Geltrú (EPSEVG) and eventually at the School of Telecommunications and Aerospace Engineering of Castelldefels (EETAC) and at the Barcelona School of Informatics (FIB). She has written 3 university-level teaching manuals and has participated in a conference, in teaching innovation workshops and in a funded teaching innovation project. In the field of management, she has been head of section of the Department of Mathematics of the UPC in Vilanova (2018-2021) and a member of the University Senate of the UPC (2013-2021).

As a researcher, she is part of the SARTI group (Remote Acquisition and Information Processing Systems research group). Her activity has focused on numerical simulation applied to fluid dynamics, fishing gear and analysis of sea currents and sedimentary dynamics. She has participated in 9 research projects funded in national and European competitive calls, and is the co-author of 15 articles in indexed journals and 22 publications in conferences.





Karina Gibert i Oliveras

WiDS-Barcelona 2022 ambassador, catedràtica i directora d'IDEAI-UPC, Vicedegana d'igualtat i ètica (COEINF) karina.gibert@upc.edu, @karinagibertk https://www.eio.upc.edu/en/homepages/karina

Full Professor at the UPC for over 30 years. She holds a bachelor degree, a master degree and a doctorate in computer engineering. Co-founder and former secretary of the Intelligent Data Science and Artificial Intelligence Research Center (IDEAI-UPC). She does research in strategic knowledge extraction from data and intelligent systems. Expert in the Catalan Artificial Intelligence Strategy Catalonia.ai (Gencat, Feb 2020), she has participated in the drafting of the Strategy (2018-2020). Senate Expert in Artificial Intelligence and Ethics (Jan

2021-). EC Consultant on Artificial Intelligence Ethics (2020). Consultant of the WHO Department of Mental Health (Feb 2008-Aug 2010) to analyze Mental Health in LAMIC countries. Member of several AI ethics committees and advisory boards. Founder and President of donesCOEINF (May 2018-) for monitoring the gender gap in computing engineering. Founder and president of doneslAcat (gender chapter of the Catalan Association of Artificial Intelligence, March 8, 2019), member of the commission Women and Equality of the Intercollegiate (Sep 2018-). Co-founder of Women in Computer Engineering (June 2021-), of the General Council of Colleges of Computing Engineering of Spain. Member of the commission for women and equality of the Intercollegiate (2019-). Ambassador of WiDS-Barcelona (Standford Women in Data Science, Jan 2021-). Scientific director of the Top Secret Rosies program, generation of female talent in AI (2021-). IP of the INSESS-COVID19 project on characterization of the emerging social vulnerability of COVID19. (2020-). Promoter and Technological Director of the critvirtual.com movement and the virtual international demonstration for Afghan women on 26 Nov 2021. Researcher at the European GAVIUS project on the digital transformation of social services (2019-).

Awards: National Computer Engineering Award 2022 for Scientific Disclosure, Finalist at the European Social Services Awards 2021. Honorable Mention 2021 at the Creu Casas Award, women to change the world (Institute of Catalan Studies). DonaTIC Award 2018 in the academic/researcher category (Generalitat de Catalunya). First prize of the HackingBullipedia Contest (November 2013), related to the famous chef Ferran Adrià, with the project GENESIS: Intelligent decision support for creative through evolutionary analysis, vimeo.com/78143348. Best European eHealth project award from the EU to the K4Care project (February 2010) for the high quality standards achieved. Distinction "Highly accessed paper", HARPS (v8(28) 1:16), 2010. Elected member of iEMSs (July 2007).





Núria Castell Ariño

WiDS-Barcelona 2022 co-ambassador, ex-degana de la FIB nuria.castell@upc.edu, @NuriaCastell_A linkedin.com/in/nuria-castell-arinyo/

Dr. Núria Castell Ariño. Retired Professor at the Universitat Politècnica de Catalunya-BarcelonaTech. She holds a bachelor-master degree (UAB) and a PhD (UPC) in Computing Engineering.

She has been Vice-Dean for International Relations at the FIB (2004-2010) and Dean of the FIB (2010-2017). Cofounder of the Intelligent Data Science and Artificial Intelligence Research Center (IDEAI). Her field of research is Natural Language Processing. She has published articles in conferences, journals and books, mainly related to the natural language processing and some others on topics related to education. She has participated in national and European competitive

research projects, being the responsible researcher in some of them. She has been actively involved in the design and innovation of educational programs, not only at the UPC level but also in the framework of European projects. She currently continues to collaborate in continuing education programs with the UPC School. She is actively involved in gender equality issues, and especially in actions to increase the presence of women in the field of Information and Communication Technologies (ICT). Actions, both local and international. She has participated in the design of various UPC equality plans, being part of the UPC equality commission and leading internal projects such as "+noiesTIC". She has collaborated in the European project H2020 Gender Equality in Engineering through Communication and Commitment (GEECCO). She is a consultant on gender issues in European projects. She is a founding member of the women's gender commission (donesCOEINF) of the Official College of Computing Engineering of Catalonia (2018-). She is a member of the experts committee of the Intercollegiate Commission on Women and Equality. (2021-). Co-founder of Women in Computing Engineering (June 2021-), of the General Council of Colleges of Computing Engineering of Spain. Since 2018, she is a member of the WomENcourage Steering Committee, conference organized annually by the ACM-WE (ACM Women's Chapter in Europe), and she is currently chairing the committee.

Awards: honorary mention of the Creu Casas award "Women for changing the world", IEC in 2020, the UPC award for Social Commitment in the field of gender equality in 2020 (individual) and in 2021 (collective)), the Salvà i Campillo Award for Outstanding Personality of LaNit 2021 and the Mention M. Encarna Sanahuja YII (collective) of the Generalitat de Catalunya in 2021.



Round table 1: Data and cyber security



Mònica Espinosa

Director of the Cybersecurity Innovation and Competence Center of the Cybersecurity Agency of Catalonia

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She is a professional in the area of IT sales and account management with extensive experience in cyber security. It is characterized by its extensive international experience and recognition as an expert in security innovation.

She is a Higher Engineer in Computer Science from the University of Zaragoza. She has expanded her knowledge of management and management in various postgraduate courses at Berkeley University

of California, Universidad Politécnica de Madrid, Stanford University at HEC, Georgetown University. Also specializing in Cybersecurity Leadership and Strategy at Florida International University. And, doing the Master's Executive MBA in business management at Esade, Barcelona.

She is currently Director of the Cybersecurity Innovation and Competence Center of the Cybersecurity Agency of Catalonia. She is an expert evaluator of technological innovation funds and programs in the European Commission, the UN and private companies. And also, she is co-founder of WERock Capital, an all-female investment group located in Barcelona that promotes female entrepreneurship and technological disruption and is linked to Empower Women and The Cherie Blair Foundation for Women.

e has been Senior Cybersecurity Innovation Manager at the i2CAT Foundation. Cybersecurity Innovation and Competence Center (CIC4Cyber) of the Cybersecurity Agency of Catalonia. She also has work experience as an Expert at the United Nations and as a Senior Manager at INTERPOL in France.





Laia Pagès Giralt

Executive and Scientific director CARNET laia.pages@carnetbarcelona.com carnetbarcelona.com www.linkedin.com/in/laia-pages-13ab292/

Dr. Laia Pagès Giralt is the executive and scientific Manager at CARNET, a future mobility research Hub initiated by SEAT, Volkswagen Research and UPC. She holds a Masters Degree (2003) and a PhD (2006) from the Institute of Transportation Studies at the Henry School of Engineering of the University of California in Irvine, US. Her Masters' Thesis was entitled "Simulation Frameworks to Evaluate Modern Transit Designs". This work was awarded

with the "Orange County Chapter of Women's Transportation Seminar Scholarship". Her PhD Thesis was entitled: "Mass Transport Vehicle Routing Problem: A hierarchical Global Optimization for Large Networks". This research work was awarded with the UCTC Doctoral Dissertation Grant Award, University of California Transportation Center.

Dr. Pagès worked for 6 years at the "Catalan Safety Plan Office" at the local government of Catalonia. She participated in different European and Spanish research projects. Her interests lied on traffic safety issues, related to buses and other vehicles operating on-demand. She has also been a reviewer for the Global Road Safety Partnership (GRSP) in Geneva, evaluating proposals for the "Road Safety Grants Program". GRSP is a non-profit organization dedicated to the sustainable reduction of road-crash death and injury in low- and middle-income countries. These participations reflect the commitment of Dr. Pagès in the research of road safety, highly related to the implementation of autonomous today.

From 2013 to 2018 Dr. Pagès worked for two consultancy firms, coordinating civil engineering and transport related projects in Stuttgart (Germany). She took part in more than 30 projects funded mainly for public local administrations, such as local governments and municipalities. The experience and knowledge acquired at the private sector focuses on business models and technology readiness for transport systems.

Currently, she is the Executive and Scientific manager at CARNET, a "future mobility research hub" funded by Volkswagen Research and SEAT. Among her daily activities, Dr. Pagès deals with cooperative research projects in the field of new transport modes and innovative transport services. CARNET has a strong network of several technological companies and, among other undertakings, focuses on research transfer and business creation activities.





Encarna Pau

Network, Sistems and Cybersecurity Engineer a Marelli España Encarna.pau@marelli.com https://www.linkedin.com/in/epau00/ @Charnypau

My higher academic education began in the field of social sciences, where I took a higher degree training cycle in Commercial Management and Marketing followed by the first two years of the business sciences diploma at the UAB.

But this was not the desired path and I headed towards computer science, qualifying as a technical engineer in management computer science at the

autonomous university of Barcelona and later in the University Master's in cyber security at the UOC.

My professional and academic career therefore goes through different sectors, from Retail, academic, to establishing myself in the Automotive sector for the last 10 years.

During this last period I was able to achieve the IT vision of different departments of a production plant where work is done 24x7, starting with the maintenance of the IT systems of the production chain until assuming the role of IT Manufacturing Engineering, where the designs and management of systems, networks and plant cyber security policies, digital transformation projects and Industry 4.0, and also collaborating with information systems audits such as the IATF or TISAX.

In addition to the IT field, I am part of the Equality Commission of Marelli Spain and the Marelli Women Network where we focus on the visibility of female talent within the company. And I have the privilege of being part of the gender commission of donesCOEINF within the Computer Engineering College of Catalonia.





Meritxell Pineda Teixidó

Data protection officer and security and resilience management consultant mpineda@outlierconsulting.cat linkedin.com/in/txellpineda/ @Outlier_Risk

Delegate in Data Protection certified by the AEC, according to the AEPD scheme, since October 2019. She is a technical engineer in management informatics from the Faculty of Informatics of Barcelona, UPC, and graduated in integral security from the School of Prevention and Integral Safety, UAB

Since March 2019, she has been running Outlier Consulting, where she offers services in data protection, security management and resilience. She coordinates the master's degree in management "Cybersecurity Management" of the UPC Foundation and co-coordinates the Internationalization Work Group of the Cybersecurity

group of the Digital Catalan Alliance. At the same time, since the beginning, it has maintained a facet of dissemination and training in security matters.

The professional trajectory reflects a transversal and integrated vision of risk, which currently synthesizes resilience very well. Thus, she has been in different companies, where her time as project director and director of the Crisis Management Service in the Risks, Crisis and Resilience Area of the Cerdà Institute stands out; to be assistant to the director and head of the IT department in Peradejordi, fire engineering and foreign prevention service; or director of the Institute of Security Studies, private foundation of the College of Industrial Engineers of Catalonia and the College of Industrial Technical Engineers of Barcelona.

At the same time, throughout her professional career she has developed a facet of safety dissemination, as a trainer, lecturer or writer of books and articles in specialized magazines. Over the years, this outreach aspect has grown, now occupying an important part of professional dedication. Throughout her professional career she has attended different studies and specialization courses associated with risk management. In recent years, in addition to specialization in data protection, resilience training with UNDRR (United Nations) courses stands out; and with AENOR the different security standards (application of ISO 31000, ISO 22320 or ISO 22301), being the head auditor in business continuity of ISO 22301. She is also a Master in Emergency Management from the FUPC and an accredited technician in plans of self-protection.

Her latest book, "<u>Municipal Crisis Management</u>" was published during the confinement and summarizes very well what Security is like and where it is going.





Jeniffer Woodard

Cofounder and CEO, Insikt Intelligence, expert on AI, ethics and cybersecurity jennifer@insiktintelligence.com insiktintelligence.com linkedin.com/in/jenniferwoodard/@jenternational

Jennifer is the co-founder and CEO of Insikt Intelligence, a deep-tech technology startup specializing in the development of machine learning (ML) models and the application of artificial intelligence techniques to combat terrorism, misinformation and crime on the networks. Jennifer is also a co-founder of Dataietica, a non-profit institute created by and for AI professionals and researchers convinced of the potential of new technologies in the field of public safety, and

committed to making progress ethically respectful and protecting privacy and rights of citizens. Jennifer is an internationally recognized expert in the application of AI for counterterrorism and a regular speaker at high-level events, including the United Nations, where she recently spoke about the benefits and human rights implications of using this technology in counterterrorism. She is regularly invited by European, US and Israeli organizations to share her views on the importance of ethics when artificial intelligence is placed in the hands of security forces and law enforcement agencies.



Round table 2: Data, ecosystem and women's leadership



Nataly Busión Valdez

PostDoctoral Researcher | Equity, Diversity & Inclusion Barcelona Supercomputing Center nataly.buslon@bsc.es www.bsc.es/discover-bsc/equity-diversity-inclusion https://www.linkedin.com/in/natalybuslonphd/@BuslonNataly

Nataly Buslón is Postdoctoral Researcher, Equity, Diversity and Inclusion (EDI) at the Barcelona Supercomputing Center (BSC).

Her research focuses on the social impact of Artificial Intelligence (AI), in particular, the perspective of sex, gender and diversity in AI, the promotion of social

participation, ethical and scientific aspects in STEM research.

Buslón holds a Bachelor's Degree in Sociology from the University of the Republic (2010-Uruguay), a Master's Degree (2013) and a Doctorate in Sociology (2017 Excellent Cum Laude) from the University of Barcelona (UB). Visiting Researcher at Columbia University (2016) and Stanford University (2022). Dr. Buslón worked on projects for the European Commission, the Inter-American Development Bank (IDB), the BBVA Foundation, the La Caixa Foundation, the National Research and Innovation Agency (ANII) and the Ministry of Social Development of Uruguay.

She has been Adjunct Professor at the University of Barcelona (Spain) and Master's Tutor at the ORT University (Uruguay). In addition to teaching courses and participating in different international conferences. She is a member of the Organization for Women in Science for the Developing World (OWSD) Uruguay, the Alliance <A+> for Inclusive Algorithms and Ambassador of the International Congress Women in Data Science Stanford in Spain. Founder of UyRedes; Scientific and Professional Association of Uruguay Abroad.





Mercè Crosas Navarro

Head of Computational Social Sciences program, Barcelona Supercomputing Center merce.crosas@bsc.es scholar.harvard.edu/mercecrosas www.linkedin.com/in/merce-crosas-9a22776/ twitter.com/mercecrosas

Mercè Crosas Navarro is a Catalan researcher specialized in data management and open data. Since June 2021, she has been the Open Government Secretary of the Department of External Action and Transparency of the Generalitat de Catalunya.

Crosas holds a degree in Physics from the University of Barcelona (1989) and a PhD in

Astrophysics from Rice University (Houston, Texas, 1992), with predoctoral and postdoctoral stays at the Harvard-Smithsonian Center for Astrophysics.

She has spent most of her professional life at Harvard University, first as an astrophysicist and research software engineer at the Harvard-Smithsonian Center for Astrophysics and later as Director of Data Science and Technology at the Institute for Quantitative Social Sciences, from Harvard University and as Chief Research Data Management Officer at Harvard University. Crosas has extensive experience in data systems architecture and international data standards, with the vision of making them more accessible while ensuring their privacy. She co-led the Dataverse project and its open source community. The Dataverse software project has been used successfully to share and publish data at universities and research organizations around the world.

She was also co-principal investigator (co-PI) of the OpenDP project, an open source set of differential privacy tools for analyzing sensitive private data, and of the NIH Data Commons Consortium.

Crosas has been a member of numerous international committees and working groups focused on open data, data management and analysis, and data sharing. She is co-author of the internationally recognized and used FAIR (findable, accessible, interoperable and reusable) data principles, and has contributed to the recommendations of the Organization for Economic Co-operation and Development (OECD) for access to public data.





Clara Lapiedra

CEO & Founder Aula Magna Business School, Wompreneur, eWomen Times, Peekabook / TOP10 Women CEO 2023 / TOP100 CEO by Canal CEO / Author of Women in Silicon Valley book / Strategy /STEM Women Congress clapiedra@aulamagnabs.com linkedin.com/in/claralapiedra/?locale=en US @claralapiedra

She is a full-time entrepreneur. She has previously been a business consultant specializing in Corporate Entrepreneurship projects for large companies with agile methodology

She holds a degree in Translation and Interpretation from the Autonomous University of Barcelona and

specializes in International Conference Interpreting. She has a Postgraduate degree from Venice International University. She has a Master's Degree in Community Law from the University of Barcelona. She has an MBA from ESADE, a Masters in Entrepreneurship from Babson College and also holds a degree in Advanced Entrepreneurship from Stanford University. She has also obtained the General Management Program qualification from the IESE Business School of the Universidad de Navarra.

She is Founder & CEO of AULA MAGNA Business School, Founder of eWomen Times, Managing Partner of Marlin Capital Partners, Academic Collaborator of ESADE and member of ESADE's Social Consulting Program, Founder of Wompreneur and Member of the Board Directorate of Amces, Spanish Mentoring Association.

She is a successful Business Angel and entrepreneur, with proven experience in the fields of retail, communication and investment. With more than 10 years of experience in international strategy, business development and investments in the private sector, reporting to the CEO, directly responsible for the launch and coordination of 20 Country Managers.

She is also involved in charitable companies and dedicates part of her working hours to social causes. She has been selected as an ambassador for WiDS Barcelona and Madrid as part of the Women in Data Science (WiDS) initiative. In this role, she is responsible for organizing the WiDS Barcelona and Madrid regional event to bring the WiDS Worldwide conference to his community: https://aulamagnabs.com/wids. With the aim of inspiring and educating data scientists worldwide, regardless of gender, and supporting women in this sector. Today, WiDS is a global movement that organizes more than 200 events in more than 50 countries.





Lidia Montero Mercadé

Full Professor of Statistics and Operational Research at the UPC lidia.montero@upc.edu futur.upc.edu/LidiaMonteroMercade

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PhD in Computer Science from the UPC. Senior Consultant at ALG. Partner, until 2015, and founder of TSS, commercialization company of the AIMSUN platform. Full Professor of Statistics and Operational Research at the UPC. Expert in Transport Models, Transportation Anatytics and Traffic Simulation currently linked to inLab-FIB at the UPC, since 2014. She has participated in numerous research projects in ministry programs.

She is the author of more than 100 scientific communications at industry conferences. She has collaborated in the last 10 years in modeling projects of innovative ICT concepts in transport funded by Volkswagen (through the Hub-UPC called CARNET), H2020 projects and research projects. For the past year, she has been Vice-Dean Head of Studies for the Computer Engineering Degree at the FIB-UPC and is involved in the analysis of urban planning bias in relation to the gender perspective.



Closing



Liliana Arroyo

Director General of Digital Society Director General of Digital Society. Department of Business and Work. Government of Catalonia politiquesdigitals.gencat.cat linkedin.com/in/lilianaarroyomoliner

She is a specialist in Digital Social Innovation. She is currently Director General of Digital Society General Director of Digital Society of the Business Department. She has been responsible for Digital Social Innovation. Responsible for Social Digital

Innovation i2CAT Foundation. She previously worked as a researcher at ESADE's Institute of Social Innovation combining with independent consultancy activities.

She holds a PhD in Sociology from the University of Barcelona and a degree in Sociology from the Autonomous University of Barcelona. She has also been a visiting researcher at Arizona University (USA). Nominated to the #35under35 list by CIDOB and Santander, in the framework of the Future Leaders Forum and under the theme "Global Technopolitics: Technology, the next global order and the role of the EU".

Her research career, based on her background in research and analysis techniques, has allowed him to participate in projects in many areas from a qualitative, quantitative and social network analysis point of view. In recent years, her research has specialized in the platform economy as well as the social impact of digital products and services. Her entire professional activity has been oriented towards a critical assessment of digital innovation from a sociological perspective, with the aim of being able to guide from consultancy and the publication of good practices in favor of responsible innovation.

Currently her projects on Digital Sociology include research, consultancy and knowledge transfer (in the form of teaching or dissemination). Much of her time is devoted to the transfer of knowledge via teaching, conferences inside and outside the academy and I participate regularly in the media. Because knowledge that remains in a drawer is lost.

You can read her articles in Diario Ara, El Periódico and El País. She has also just released a book with José Ramon Ubieto about the Metaverse (dialogue from psychology and sociology), and she has also written an essay "You are not your selfie. 9 digital secrets that everyone lives and no one explains", where she explores the digital experience of young people from the most personal, but also professional and political side.



Organizing Committee



Àngela Nebot

Head of the Soft Computing (SOCO) research group and member of the board of the UPC Intelligent Data Science and Artificial Intelligence (IDEAI) Research Center

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She is a professor and researcher at the Universitat Politècnica de Catalunya (UPC) where she studied Computer Engineering and did a doctorate in Artificial Intelligence.

She is the head of the Soft Computing research group (SOCO) and member of the board of the UPC Intelligent Data Science and Artificial Intelligence (IDEAL) Research Center.

She is currently a full professor in the Department of Computer Science and teaches courses in the

degree of Computer Engineering and in the Master of Artificial Intelligence on Computational Intelligence and advanced topics in Computational Intelligence.

He has completed different postdoctoral stays at the University of Arizona (USA) and at the National Autonomous University of Mexico.

Her research interests include fuzzy systems, neurofuzzy, fuzzy genetics and other hybrid soft computing techniques, as well as modeling for prediction and decision support. Its application areas include energy, medicine, biology, atmospheric sciences, music, risk management and e-Learning.





Esther Parra Pastor

IDEAI-UPC Research Support Technician for strategic and high-impact projects esther.parra.pastor@upc.edu

Chemical engineer and industrial engineer by training, her thesis was focused on creating one of the first mathematical model of chemical molecule properties. Esther's professional career started in the field of Research and of Innovation in R&D leadership roles in multinational chemical companies (BASF and DSM), and later on she moved to positions of international research and innovation development (RMIT University, Techforce), which brought her to very broad areas of the research and innovation, especially in fields related to the new technologies, such as Al. Among her latest projects, she was responsible during the start-up stages of the Catalan communities on AI and NewSpace of the Digital Catalonia Alliance, in charge of coordinating the agents of these emerging sectors to facilitate

SMESs and start-ups growth. She is currently part of the IDEAI -UPC team, the Center that brings together research in AI of the UPC, supporting its strategic and high-impact projects.





Mónica Sánchez Soler

University Professor of the Mathematics Department of the Polytechnic University of Catalonia

monica.sanchez@upc.edu

Dr. Mónica Sánchez Soler is a University Professor in the Mathematics Department of the Polytechnic University of Catalonia (UPC). She graduated in 1983 in Mathematics from the University of Barcelona and received her doctorate in Informatics in 1987 from the Polytechnic University of Madrid, with a doctoral thesis framed in the area of Artificial Intelligence, specifically in qualitative, diffuse and probabilistic forms of reasoning and in functional equations. The academic and scientific career developed at the UPC, where she has taught mathematical analysis, algebra,

geometry, calculus and fundamentals of mathematics in the degrees of Architecture, Computer Science, Statistics and Artificial Intelligence, and since 1992 she has been Professor of University of the Department of Mathematics. She has published 40 articles in national or international scientific journals with an external admissions evaluation committee and has published more than 80 communications in national or international conferences with prior review. She has participated, as a member of the research team in 17 competitive R + D + I projects, in 8 of them as principal researcher. She did a research stay at the LAAS of Toulouse of the CNRS. She has participated in the organization and is a member of the scientific committee of several congresses and workshops both nationally and internationally. She also acts as a reviewer for different international magazines. In addition, she is an active member of several research associations, both nationally and internationally. She has carried out her research within the IDEAI research group (Intelligent Data Science and Artificial Intelligence Research Center) since its formation, and previously in the GREC research group (Grupo de investigación en ingeniería del conocimiento) formed by researchers from the UPC and ESADE url. Her research is framed in the area of Artificial Intelligence, specifically in qualitative reasoning, systems based on fuzzy connectives, automatic learning and multicriteria group decision systems and their applications to real problems. She has co-supervised four doctoral theses and is currently co-supervising another. 1 semester of active research (last semester granted 2016-2022). Total citations: 734 (Google Scholar). Index h: 14 (Google Scholar).





Gemma Thomas Crusells

IDEAI-UPC Research Support Technician gemma.thomas.crusells@upc.edu

She has a degree in Physical Sciences from the UAB - Universitat Autònoma de Barcelona.

She is currently a Research Support Technician at the Intelligent Data Science and Artificial Intelligence (IDEAI) research center. Polytechnic University of Catalonia.

Within the IDEAI center, it has provided support in the preparation of the citizenIA course, promoted by the UPC and IDEAI with the support of the Secretariat of Digital Policies. She collaborated as

an organizer in the past Women in Data Science of Barcelona WIDS2022. And also, she collaborated in the organization of the 19th Advanced Artificial Intelligence Course sponsored by EurAI and organized by IDEAI-UPC in the 2022 Summer School.

During 2019, through the Centro de Innovación y Tecnología de la UPC (CIT), she was Promoter of the research center in Artificial Intelligence TALP Language and Speech Technologies. Polytechnic University of Catalonia.

As a Technician in Quality Management and Senior Technician in Occupational Risk Prevention, she was working at the Institut Gaudí de la Construcció Foundation, being a Member of a Promotion and Development Unit of the Generalitat de Catalunya dedicated to the organization of a traveling exhibition on the Prevention of Occupational Risks in the construction sector, giving safety training to workers, to training centers in the sector and young people at risk of social exclusion.

She has also worked in the industry in the textile sector as a technician responsible for Quality Management and Occupational Risk Prevention.