

# who is who?

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## **Nuria Oliver**

Ph.D. in AI at MIT & Co-founder of ELLIS  
*ELLIS*

Nuria Oliver is a computer scientist. She holds a Ph.D. from the Media Lab at MIT and is the first female computer scientist in Spain to be named an ACM Distinguished Scientist and an ACM Fellow. In the last 5 years she has focused on the knowledge of arm-based embedded systems on the edge, including driver and custom yocto-based operative system development, human machine interfaces integration and AI algorithms or models deployment in order to fulfill the market's needs. She is well known for her work in computational models of human behavior, human computer-interaction, intelligent user interfaces, and big data for social good.



## **Daniel Martínez**

Lead Data Scientist  
*MonoM – Grupo Álava*

Daniel is an expert in Artificial Intelligence. He has a master's degree in Big Data and another in Deep Learning and for several years he was a visiting professor at the University of Valladolid and currently teaching a master's degree at the University of Alcalá.

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## **Natalia Mira**

Vision Product Owner  
*MonoM – Grupo Álava*

Natalia is passionate about image technologies. Specialized in artificial vision for the URJC master's degree, she currently develops and coordinates projects for the industry based on artificial vision.



## **Alejandro Rosales Lavielle**

Science & Technology Manager  
*Iris Technology Group*

Alejandro Rosales has a M.Sc. in Physics from Universidad de La Habana (1986) and his expertise comprises both theoretical and hands-on skills in several scientific and technological areas: optics, lasers, high vacuum, high voltage, spectroscopy, chemometrics as well as design of measurement instruments and their integration in industrial lines.



## **Josep Lladós Canet**

Researcher in Electronics and Communications Unit  
*CVC*

Josep Lladós received his degree in Computer Sciences in 1991 from the Universitat Politècnica de Catalunya and the PhD degree in Computer Sciences in 1997 from the Universitat Autònoma de Barcelona and the Université Paris 8. Currently he is an assistant professor at the Computer Sciences Department of the UAB and the director of projects of the Computer Vision Center. His current research fields are document analysis, graphics recognition and structural pattern recognition.

# who is who?



## Josu Bilbao

Head of ICT research Department

*Ikerlan*

Dr. Josu Bilbao leads the Information and Communication Technologies research department (+50 researchers, 20 PhD and 8 PhD students) at Ikerlan a private research center leader in technology transference and part of Mondragon Corporation. The ICT department is composed of 2 research groups: "IoT & Digital Platforms" and "Data Analytics & Artificial Intelligence". Dr. Bilbao is responsible for the development of the strategy and development of Digital Platforms for multiple sectors, including: Intelligent Transportation, Energy, Capital Goods and Industry 4.0.



## Jone Echazarra Huguet

Head of the Computer Vision Group

*Tecnalia*

Industrial Electrical Engineer from the Bilbao School of Engineering, specialised in electrical engineering, with a Master's degree in Business and Technology Management from Deusto Business School. Until taking up the position of head of the Computer Vision technology platform at Tecnalia, she combined her work as project manager with the commercial area. The projects have been focused on vision and automation technologies for different industrial sectors. In the last 7 years she has specialised in projects framed in AI for digitisation of complex processes, with 6 related patents and several publications to her credit.



## Ángel Batalla

Founder & CEO

*Last Mile Team*

Ángel is MsC Marine Engineer (Hons.) and Executive MBA. He is a serial entrepreneur since 2008, evolved from 25 years successful intrapreneurship in major corporations for whom he designed, lead and executed over a dozen major Value Chain initiatives across the globe for Consumer, Pharma and Professional Products sectors. He founded Last Mile Team to create inclusive digital solutions to solve urban logistics and last mile distribution problems at large scale, and contribute to a cleaner and more sustainable world. When not reengineering processes, you can find him helping social entrepreneurs to develop efficient value chains to maximize their social impact and value.

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## **Caroline Vandenplas**

Senior Data Scientist

*B12 Consulting*

Caroline Vandenplas contributes to and supervises advanced analytics and AI projects in the automotive, agricultural and clinical research fields. She has a proven track record and expertise in data mining, data visualisation, and modelling using complex statistical techniques, machine learning algorithms, and deep learning algorithms, and has been a frequent speaker at various data events. Caroline holds a master's degree in mathematics and a PhD in physics from the KU Leuven (Belgium), as well as a second PhD in sociology from the KU Leuven (Belgium).



## **Daniel Kumpel**

CEO

*IOVI*

Daniel Kumpel is PhD in Telecommunications Engineering from Universidad Politécnica de Madrid and Researcher in Artificial Intelligence and Robotics at CSIC. Before being CEO of IOVI, he has been CEO for Europe and Latam of Grupo SMS Data Center, a company with 900 employees in 5 countries. He has been director in Thales Group and Atos, French multinationals, leading major projects such as the Metro Bilbao, noise monitoring and flight paths for Aena, management system for the operation of the port of passages. He has been reviewer and evaluator of technology projects in the III Framework Program of the European Commission (ESPRIT and BRITE).



## **Javier Orús Lacort**

CEO & Co-Founder

*PredictLand*

Mathematician, Data Scientist and PDD from IESE. After some initial years dedicated to Scientific Research, he made the leap to IT Consulting, currently specialising in the application of Artificial Intelligence and Big Data to business. Trainer and collaborator of various business schools, institutions and media, as well as guest speaker at multiple conferences.

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## **Carlos Gonzalez-Val**

AI R&D Engineer  
*Aimen Technology Centre*

Carlos Gonzalez-Val is an engineer specialised in AI applications in industry with experience in multiple international projects. His main interests are explainability, embedded AI or generative design.



## **Manuel Domínguez Álvarez**

CDO  
*ALTER Technology*

With solid experience in most of the European Space Agency's projects, he is the CDO of the ALTER Technology group and responsible for managing the companies' digital strategy towards Space 4.0.



## **Davide Moroni**

Researcher  
*ISTI-CNR*

Davide Moroni received the M.Sc. degree (Hons.) in mathematics from the University of Pisa (2001), the Diploma from the Scuola Normale Superiore of Pisa (2002), and the Ph.D. degree in mathematics from the University of Rome La Sapienza, (2006). He is a Researcher at the Institute of Information Science and Technologies (ISTI), National Research Council, Italy, Pisa. He is currently the Head of the Signals and Images Lab, ISTI and the Chair of the MUSCLE working group of the European Consortium for Informatics and Mathematics. His main research interests include geometric modeling, computational topology, image processing, computer vision, and medical imaging.

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## **Enric Vázquez-Suñé**

Scientific researcher

*Institute of Environmental Assessment and Water Research*

Enric Vázquez is graduated in Geology in the Faculty of Geology of the Universitat de Barcelona (UB) and has a PhD in Urban Hydrogeology in the School of civil Engineering of the Barcelona School of Civil Engineering of the Universitat Politecnica de Catalunya (UPC). His research experience is focused in the characterization of groundwater, permeable media and impacts related. He is Specialist in Urban hydrogeology, Groundwater Modeling, Hydrogeochemistry, Emerging Contaminants in Groundwater, Shallow Geothermics, Hydrogeology in Mining Areas and Civil Works, Tools and Software Development (he has 9 patents for applications in hydrogeology).



## **Miguel Ares Rodríguez**

Researcher in Electronics and Communications Unit

*CD6-UPC*

Miguel Ares is PhD in optical engineering from the UPC. Principal researcher in 3D optical metrology at CD6 - UPC. And has more than 15 years of experience in the development of 3D optical scanning technologies for industrial applications.



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## **Maite González**

Researcher in Electronics and Communications Unit  
*Tekniker*

Maite González holds an MSc in Telecommunication Engineering by the Deusto University. She has more than 10 years experience in the development of embedded solutions for Wireless communications (2G/3G/4G, wifi), sensor networks (zigbee, bluetooth), and software applications for standard PC (Eclipse RCP, Plugins, Java, C#). She is also specialist in the development of efficient embedded applications and drivers using Real Time Operation Systems (RTOS) and embedded Linux, for different purposes and areas of activity, such as smart controllers, energy efficiency, embedded machine vision, safety and security, remote monitoring/datalogging or data processing.



## **Mª José Bengoechea**

CTO  
*Nulab*

Mª José Bengoechea is Technical Director of NULAB. A chemical engineer specialising in chemometrics, she has more than 20 years of experience in various positions of technical responsibility. During her previous professional career, she was the Head of the Objective Sensory Department at CNTA.



## **Renato Turchetta**

Founder & CEO  
*Imasenic*

Renato Turchetta has been developing CMOS image sensors since the early days of the technology. He founded and led the design group at the Rutherford Appleton Laboratory in the UK, where he worked until 2016. In 2015 he founded and was the executive director of vivaMOS, a CMOS image sensor company that was successfully acquired in 2020 by Nordson. In 2017 he founded Imasenic.

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## **Álex Turpin**

Scientific Consultant

*secpho*

Álex Turpin is Ph.D. in Physics from the UAB and is specialising in AI & Data Science. He was member of the Qunatum and Atoms Optics Group of UAB and later was a Postdoc researcher at the Neural Circuits Max Planck Research Group at the Center of Advanced European Studies and Research in Bonn with Dr. Johannes Seelig, working in multiphoton microscopy, adaptive optics, and wavefront shaping. He was also Alexander von Humboldt Postdoctoral Fellow at the Leibniz Institute of Photonic Technology in Jena and a Lord Kelvin Adam Smith Fellow in data Science at the University of Glasgow. Recently the project Echosense that he leads has won the AI4ALL programme.

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