

1st CoRAI Summit on the Future of Autonomous Mobility

Speakers' List

Testing Autonomous Driving

Demonstration of Test Robots, Test Fields and Other Projects on Autonomous Driving

9th of October 2019 14:30 Brussels Charlemagne-Building Ground Floor Room MANS

SPEAKER



**Alexander ARRIOLA
LIZARRITURRI**

Diploma in Computer Engineering for Management and Degree in Engineering, specialising in Industrial Organisation, from the University of Deusto, Bilbao. Since 2013 General Manager of SOCIEDAD PARA LA TRANSFORMACIÓN COMPETITIVA/ERALDAKETA LEHIAKORRERAKO SOZIETATEA, S.A. –SPRI-, the Basque Government Business Development Agency, whose purpose is to support and promote the Basque business fabric. From 2010 – 2013: Purchasing Manager for GAMESA WIND. Tianjin – China-, world leader in the design, manufacture, installation and maintenance of wind turbines. Before that Purchasing Manager for CIE AUTOMOTIVE CHINA. Shanghai. From 2003 – 2006: Purchasing Manager for CIE AUTOMOTIVE UDALBIDE. Izurza –Bizkaia.

SPEAKER



Jost BERNASCH

Since 2004, Jost Bernasch is Managing Director of the VIRTUAL VEHICLE Research Center in Graz, Austria. In that time VIRTUAL VEHICLE became an internationally recognized institution with over 250 employees and a turnover of 22 million Euros. Central topics are automated driving systems, vehicle safety and security. Since 2018, Jost Bernasch also serves as Managing Director for ALP.Lab – the “Austrian Light Vehicle Proving Region for Automated Driving”. Along with public roads, proving grounds, and facilities for data recording and processing, ALP.Lab offers a comprehensive virtual testing environment and a unique test laboratory for automated driving. In the past, Jost Bernasch held several senior positions including Authorized Officer and Senior Project Manager of Information Technology, Düsseldorf, Germany and Director of Driving Simulation BMW, Research & Development Center, Munich, Germany. He holds a PhD degree in computer science from the University of Munich and Dortmund. He is steering committee member of the International Driving Simulation Conference (DSC), founder and chair of the Graz Virtual Vehicle Symposium (GSVF) and chair of the International Styrian NVH Conference (ISNVH, in cooperation with SAE).

Presentation: „Who will be in the driving seat? Mobility trends of the future“

Connected and automated vehicles are seen as a game changer in future mobility. The presentation will provide insights into the myths and reality of mobility trends, especially in the context of automated driving. Fundamental aspects and major challenges such as the acceptability and approval of systems or legal and critical technical issues will be discussed. No doubt that these trends will have a high impact on safety, comfort, efficiency, environmental friendliness and social aspects of mobility we know today – the presentation will provide a broader view on the mobility of the future.

SPEAKER



**Francisco CONDE-
LÓPEZ**

Francisco Conde-López is Galicia's Regional Minister for Industry since 2012. He was born in Monforte de Lemos (Lugo, Galicia) in 1968.

Between 1995 and 2009, he worked as a professor at the San Pablo CEU University of Madrid, where he held other responsibilities such as the Secretary of the Institute for European Studies. He was also vice-dean of the Faculty of Economics and director of institutional relations.

Between 2009 and 2012, he was an advisor to the president of the Galician government.

Mr. Conde-López holds both a Bachelor's and a Master's degree in Business Administration from the Complutense University of Madrid as well as a PhD in Economics from the same University.

SPEAKER



Efrén ALONSO

Efrén Alonso is the General Manager of Drotium since 2014. Drotium develops electric, autonomous, connected and cooperative mobility, in order to solve the huge problems of transportation: pollution, accidents and congestion. DROTIUM is a mobility manufacturer. It develops artificial intelligence for traffic management, secure communications networks and intelligent vehicles.

He is also the Vice-President of Auvsi Spain since March 2016. AUVSI is the world's largest nonprofit organization devoted exclusively to advancing the unmanned systems and robotics community.

Presentation: "León 1st NERTRA City"

The New Era of Transportation brings a new mobility model, Triple Zero Plus (Zero Pollution, Zero Accidents, Zero Congestion, and more disposable income per inhabitant). In the next 15 years, all the vehicles will be autonomous and electric, but this is not enough to achieve the objective. León will become the first European city with a Traffic Control Center, which manages any vehicle autonomously using advanced Artificial Intelligence through a communications network devoted exclusively to transportation and cooperative autonomous vehicles. DROTIUM in collaboration with the City Council of León and the Government of Castilla y León is leading autonomous mobility in Spain.

SPEAKER/PRESIDENT AUTOMOTIVE INTERGROUP



Barbara EIBINGER-MIEDL

Barbara Eibinger-Miedl was elected President of the Committee of the Regions interregional group „Future of the Automotive Industry (CoRAI) “in July 2018. As an active member of the CoR she focuses her work in Brussels on the Commission for Economic Policy. Barbara Eibinger-Miedl is a Minister in the government of the Land Steiermark responsible for Economic Affairs, Tourism, European und External Relations, Science und Research. Previously she was chairing the parliamentary group of the Austrian People’s Party in the Steiermark-Parliament. Additionally she was speaker for Constitutional, European und External Relations. She started her political career as a member of a local council, led the initiative “Women in business” and was head of the European Office in Graz.

SPEAKER



Nere GARMENDIA

Nere Garmendia holds a PhD in Materials Engineering, with European mention, Doctorate Special Award, by the University of the Basque Country (EHU-UPV), Spain. Additionally she has degrees in Industrial Engineering from the TECNUN-University of Navarra, Spain, and Innovation and Technology Management by the University of Deusto, Spain. Since 2011, she works at NAITEC as I&D senior researcher and project manager. With more than 16 years’ experience in applied industrial research in materials engineering, her specialization areas include Nanomaterials, Coating Additivations, Ceramics, and Biomaterials. She is the author and co-author of several papers, book chapters, and international conferences in these fields.

Presentation: “Navarra Automotive Testing Zone”

In 2017, the government of Navarra achieved its Smart Specialization Strategy (S3) by setting the 24 challenges that should be measured by 2020 to improve the quality of life and sustainability of the Foral Community of Navarra by 2030. The first of these challenges has as objective "directing the capacities of the industrial sector of automotive towards the development of the electric vehicle and its components, as well as to favour the development and implementation in Navarra of new mobility solutions (electric vehicle, autonomous driving ...)". Navarra presents unique and interesting singularities (variety of orography, climatology, regional competences in traffic matters, etc.). In order to promote this opportunity a public-private work group has been created. As a result, the “Navarra Automotive Testing Zone” project presents the objective of positioning Navarra as a test area for autonomous and connected vehicles, with the aim of establishing the existing capabilities and opportunities.

SPEAKER



Francesco GUARALDI

Francesco Guaraldi is a Project Manager at the High Performance Real Time Lab of the University of Modena and Reggio Emilia (IT). He has a strong expertise as Systemic Innovation Research Advisor and Project Manager. His main experience is related to ICT projects applied to mobility. He has more than 10 years' experience in managing EU funded projects (FP7, ARTEMIS, H2020, ECSEL JU, POR-FESR, INTERREG, MED, Climate KIC...).

Presentation: "MASA Modena a living lab for automated driving"

MASA is a living lab created to develop, test and validate automated and connected vehicles. MASA is composed by simulators, proving ground and public roads. It consists of a public-private partnership that offers OEMs, tier 1 and tier 2 companies a complete environment to develop and validate solutions for Cooperative Connected Automated Mobility. Through its facilities, MASA offers three kind of services: advanced training, research & product development and support for experimental test implementation.

SPEAKER



Wolfgang FISCHER

Wolfgang Fischer holds University degrees in history, rhetoric, political and economic sciences, as well as a PhD in history. His career positions include: Research Associate at the University of Marburg, author of a company history, speaker and Deputy Head of Department at the State Ministry of Baden-Württemberg. Since 2011, he is at e-mobil BW – the State Agency for New Mobility Solutions and Automotive Baden-Württemberg GmbH as Authorized Officer, Divisional Head of Projects and Cluster Activities, where he is responsible for the management of the networks cluster electromobility southwest and cluster fuel cell BW, but also the close cooperation with municipalities, among other things. The e-mobil BW GmbH is the innovation agency and competence center of the state of Baden-Württemberg for new mobility solutions and automotive.

Presentation: "Autonomous Mobility in Baden-Württemberg: Lessons Learnt"

Since 2018, the Test Area Autonomous Driving Baden-Württemberg (TAF BW) provides a platform for companies and research institutions to test future-oriented technologies for connected and automated driving in everyday road traffic. The test area, which is open and accessible to everyone, is funded by the state of Baden-Württemberg and covers all relevant road types. Therefore, various sections of the existing road infrastructure in the cities of Karlsruhe and Heilbronn were prepared, high-precision 3D maps were generated, sensors for real-time recording and anonymization of traffic and its influencing factors were installed, and fast data transmission systems are provided.

SPEAKER/MEMBER OF THE EUROPEAN COMMISSION



Johannes HAHN

Johannes Hahn is the new Commissioner-designate for Budget and Administration of the Van der Leyen-Commission after having been European Commissioner for European Neighbourhood Policy and Enlargement Negotiations since 2014 and the European Commissioner for Regional Policy from 2010 to 2014. He has held the position of Minister for Science and Research in the Austrian government from 2007-10 after having served as a member of the Vienna regional government since 1996. During this time, he was also a Board Member and later CEO of Novomatic AG (between 1997 and 2003). Apart from being the Executive Director of the Austrian's People Party from 1992-97, he also held various managerial positions and functions in different areas of Austrian industry. Johannes Hahn holds a doctorate in philosophy from the University of Vienna.

SPEAKER



András HÁRY

András HÁRY is the current Managing Director of Automotive Proving Ground Zala Ltd., a Hungarian Government-established project company that is responsible for the realization of the ZalaZONE Proving Ground project at Zalaegerszeg, Hungary.

He holds an MSc in Mechanical Engineering, an MBA as well as a PhD in Management Sciences, all from the Budapest University of Technology and Economics.

Presentation: "ZalaZONE Proving Ground Project and its Regional Interrelations"

Given the increasing trends of automated driving and driving-assistant technologies, both manufacturers and developers face the challenge of limited vehicle testing and validation capacities. By establishing the ZalaZONE testing facility, the Hungarian Government intends to create a special European testing hub for industrial and scientific research on autonomous vehicle development. The first phase was completed during 2017 and 2018 with basic testing modules with high demand of industrial and R&D users. The project is expected to be completed by 2021. Due to the co-operation network set-up, the complex infrastructure project of ZalaZONE is expected to contribute to making the region of Zalaegerszeg-Graz-Maribor one of the leading zones in automotive research.

SPEAKER



Raquel PIÑÁN

Graduated in Business Administration at the University of the Basque Country (UPV) both in Financial and Marketing Management, Ms. Piñán has collected over 15 years' experience in international industrial fields working for different automotive companies along the value chain. During her 6 years' stay in Germany Ms. Piñán worked for German multinationals as well as developed new businesses in Central Europe for Basque SME's. Ms. Piñán is responsible for the international network of both ACICAE the Basque Country Automotive Cluster and AIC-Automotive Intelligence Center, defining their international strategy and executing the implementation: identifying potential business opportunities, partnerships and international capabilities with vehicle makers, suppliers, research centers, universities, etc., supporting member suppliers in their processes of internationalization, defining collaborative frameworks with international players and attracting innovative projects.

SPEAKER



Francisco SÁNCHEZ-PONS

Francisco Sánchez-Pons is the Director of Electronics & ITS at the Automotive Technology Centre of Galicia (CTAG) since 2009. He is also professor of Intelligent Transport Systems at the University of Vigo. He has developed his professional career in the automotive and transport industry, where he has led many different R&D projects. He joined Volkswagen Group in 1991, working at the Electric and Electronic Division of the SEAT Technical Centre. He joined CTAG in January 2005 as Innovation Director. His field of study is focussed on driver assistance systems, autonomous driving, electro mobility or electronic system validation, among others. Mr. Sánchez-Pons finished his Master's degree in Physics in 1988. He also holds a Master's degree in Software Engineering from the University of Barcelona.

Presentation: "SISCOGA_{4CAD}- Test Bed for Connected & Automated Driving"

SISCOGA, project started in 2010, is a test bed whose main objective is to allow projects related to Autonomous and Connected Driving to be operational. SISCOGA, which consists of 150km of urban and interurban road between the Galician cities of Vigo and Tui, aims to extend to the Portuguese city of Porto within the framework of the 5GMOBIX project, an H2020 project.

SPEAKER



**Christian STEGER-
VONMETZ**

After his studies of transport engineering and town planning at the University of Technology in Graz, Christian Steger-Vonmetz worked at Sammer&Partner civil engineers before becoming CEO of the public transport association of Vorarlberg. Other stations: self-employed in the field of mobility management and transport innovation, co-founder and member of the management board of Caruso Carsharing (Carsharing with electric vehicles in sparsely populated areas). Since November 2017, he is also a member of the team Automated and Clean Mobility at AustriaTech, an agency owned by the ministry of transport, innovation and technology.

Presentation: "Our lives with driverless mobility – what do people think about it"

Presenting the results of the citizen dialogs: Regions all over Europe and worldwide have organised citizen dialogs to investigate what people think about autonomous driving. What are their worries, what do they hope to gain?

SPEAKER



**Joanna
SZYCHOWSKA**

Since June 2015 Head of Unit C4, Automotive and Mobility Industries, at DG for Internal Market, Industry, Entrepreneurship and SMEs in the European Commission. Before joining the Automotive Unit, she was Head of Unit in charge of EU public procurement policy making and enforcement of the legislation in selected EU Member States. She was previously a member of the Cabinet of Commission Vice-President Günter Verheugen, responsible for Enterprise and Industry. Between 2004 and 2007, she was a member of the Cabinet of Commissioner Danuta Hübner, responsible for Regional Policy. Ms. Szychowska joined the Office of the Committee for European Integration in Warsaw in 1996, where she was involved in the harmonisation of Polish law with EC law and the preparation of accession negotiations, from 2001 as Director of the Department of European Law. Ms. Szychowska studied Law, Administration and European Studies at the Universities of Warsaw, Utrecht and the College of Europe in Natolin, Warsaw. In 1999, she passed her final judge's examination at the Warsaw Court of Appeal.

MODERATOR



Richard TUFFS

Richard Tuffs was director of the ERRIN network from October 2010 to August 2017. He then acted as senior advisor until December 2018. He has been involved in numerous EU projects such as science communication, future internet, smart specialisation, regional innovation, smart cities, territorial planning and eco-innovation. He has also acted as an evaluator for Horizon 2020 and Climate-KIC projects.

He was the rapporteur for the European Commission expert group on the Capital of Innovation prize launched in 2013 and also served as a rapporteur on the European Commission's Advisory Group for Science with and for Society as well as on many other advisory boards focusing on education, research and innovation. He was also member and brief chair of the Smart Specialisation Mirror Group and is a founder member of the Friends of Smart Specialisation. He is often invited to moderate, present and act as rapporteur at conferences on European research and innovation topics such as the annual European Week of Regions and Cities and the Week of Innovative Regions in Europe.

SPEAKER



Jürgen UDE

Dr. Jürgen Ude, State Secretary in the Ministry of Economy, Science and Digitalization of the State of Saxony-Anhalt (D), was born in Magdeburg in 1958. After studying Materials Technology in Magdeburg, he started his career as Research Associate at the office for standardization, metrology and product examination. After receiving a doctorate in engineering in 1991, Dr. Ude worked as research associate for Materials Technology at the University Magdeburg and then led the research department of Metallwerke Harzgerode GmbH. From 1999 until 2016, he worked as Managing Director of the Corporation for Business Development and Innovation Harzgerode and from 2008 until 2016 as Managing Director of the Innovation and Start-Up-Center Magdeburg. Since January 2017 he is Acting State Secretary in the Ministry of Economic Affairs, Sciences and Digitalization of the State of Sachsen-Anhalt.

SPEAKER



Sofie VANNERSTEN

Sofie Vennersten is the program director of Drive Sweden. She has over 17 years of experience from different positions in the transport sector. After 6 years as project manager in the City of Gothenburg, Traffic and Public Transport Administration, she worked as a consultant at WSP, responsible for managing a number of multi-stakeholder transport projects. In 2012, she started at Lindholmen Science Park and contributed to the forming and development of the Swedish transport efficiency arena CLOSER, where she was the director for four years. Since February 2019, she is the Director of the Swedish Innovation Program Drive Sweden. Drive Sweden gathers over 100 partners from industry, society and academia, and has the mission to create and demonstrate the sustainable mobility solutions of the future - for both people and goods – based on digitalization, sharing and automation.

Presentation: “Drive Sweden - collaboration for developing the future transport system”

Drive Sweden is a Strategic Innovation Program that gathers over 110 partners. Lindholmen Science Park in Gothenburg hosts the program. Drive Sweden runs strategic work and a large variety of projects with the mission to develop sustainable mobility solutions for people and goods by creating and demonstrating efficient, cooperative and automated transport systems. Within Drive Sweden, Gothenburg investigates how new technologies interact with the city's infrastructure and physical planning and the consequences for the urban development. Gothenburg also runs test and demonstration projects around new services and vehicle concepts.