

# IoT - CONNECTED SMART CARS AND VEHICLES FORUM

Digital Drive – Pathway to the Future

23<sup>rd</sup> - 24<sup>th</sup> May 2018 Wyndham Berlin Excelsior Berlin, Germany

## **Key Learning Benefits**

- Learn innovative approaches to meet the challenges in connected and autonomous vehicles
- Hear case studies from the industry leaders BMW, Audi, Tata Elxsi, Local Motors, Shell, HERE, Volkswagen and many more
- Discuss the state of the art of how artificial intelligence is driving the future of autonomous cars
- Assess and evaluate the scale of the current cyber security threat
- Scrutinise the impact of Autonomous Vehicles on the Consumer
- Gain Insight into the full autonomous rail
- Explore the future mobility trends
  - Get updates on regulation from a EU perspective
- Develop your understanding of the latest technology and innovation
- Discover how to minimize risks and maximise opportunities
- Take away practical ideas and solutions to future proof your brand
- Participate in though provoking discussions with the industry leaders

## **Learn from Key Practical Case Studies**

- BMW discussing why and how autonomous shared cars become part of the IoT
- Shell's connected car partnership with Jaguar Land Rover
- TATA Elxsi highlighting the OEM's challenges and solutions in connected and autonomous vehicle technology integration
- **Volkswagen Group** discussing artificial intelligence in enterprise
- HERE insight on cyber security-analysing & identifying the risk & threats
- **Daimler Financial Services** reviewing the opportunities of a connected car and new technologies
- T-Systems defining their experience in vehicle-to-everything communications (V2X)

### **Who Should Attend**

Presidents, Vice Presidents, Directors, Heads/Managers of:

- Connected Cars/ vehicles
- Vehicle Architecture
- Innovation
- loT (Internet of Things)
- Smart Technology
- Advanced Engineering
- Digital Transformation
- R&D
- Information
- Simulation and Modelling
- Technology
- Connectivity
- Vehicle Diagnostics
- Automated Driving
- ADAS
- Autonomous Vehicle
- Digital
- Al & Machine Learning
- Data Analytics
- Artificial Intelligence
- Telematics

## Speaker's Committee

#### Dr. Ulrich Fastenrath

Head of Mobility and Fleet Intelligence

#### **BMW**

#### **Barbara Sichler**

Head of Business Development and Product Management

#### Volkswagen Group Data: Lab

#### **Niranjan Murthy**

Heads Innovation Strategy OEM Business: Connected Car, AI/ML, e-mobility

#### **TATA Elxsi**

#### **Bryn Balcombe**

Chief Strategy Officer

#### Roborace

#### Anuj Jain

Vice President Product Area Connected Mobility & Connected Logistics (BCDS/PAM BCDS/PAL)

# Bosch Connected Devices and Solutions GmbH

#### Jan Munther

Senior IT Security Manager - Security Privacy and Continuity

#### **Antoine Mathiaud**

Executive VP Research & Business Development

#### **PTOLEMUS Consulting Group**

#### David Seoane Vilariño

Project Manager

#### **Funding Box**

Consultant and Project Manager

#### **IMPACT Connected Car**

#### **Jacques Bonifay**

CEO

#### **Transatel**

Chairman

#### MVNO Europe European Association of MVNO

#### **Dennis Heine**

Partnerships & Strategy AID

#### **Audi AG**

#### Dr. Andreas Dürr

Head of Telematics Solutions

#### **Daimler Financial Services**

#### Matt Reizenstein

Digital Business Development **Shell Europe** 

#### Dr. Amine Arezki

Strategy Leader Autonomous Train

#### **Thales Group**

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# **Ajay Malik**CTO & Head of Engineering

#### Michael Hartmann

Researcher & European Marie Curie Fellow

# VIRTUAL VEHICLE Research Center

#### **Eyal Amir**

Lunera

Co-Founder CEO

Ai Incube (Parknav)

#### **Oliver Bahns**

Head of Connected Mobility **T-Systems** 

#### Ravinder (Ravi) Singh

C-Level: Rapid Transformation Advisor: Investment, Rationalization, Incubation

# Tata Singapore Airlines (Air Vistara)

#### Dr. Christian Kessel

Partner

**Bird & Bird LLP** 

## Wednesday 23<sup>rd</sup> May 2018



#### 08:00 Registration & Refreshments

#### 08:30 Business Card Exchange

An early opportunity in the conference to meet other conference attendees by systematically moving around the room. Make use of the opportunity to learn about companies, projects and backgrounds of other attendees and swap business cards in an informal environment.

09:00 Chairman's Opening Remarks and Address

#### **MARKET TRENDS & NEW BUSINESS MODELS**

09:10 Case Study

## An Overview of The Market and Current Technologies in Connected Vehicles

- A review of recent technical and market-driven developments.
- An assessment of their impact on current and future automotive industry.
- Progress towards an autonomous movement

Antoine Mathiaud / Executive VP, Research & Business Development / PTOLEMUS Consulting Group

09:40 Case Study

#### Autonomous Shared Cars Become Part of the IoT: Why and how

- How autonomous shared cars improve urban mobility if they are managed wisely.
- How they interact with a smart city based on IoT concepts such as XaaS.
- How loT value networks can help establishing new ways of traffic management ("traffic management 2.0")

Dr. Ulrich Fastenrath / Head of Mobility and Fleet Intelligence / BMW

#### 10:10 Case Study

#### OLLI

- Local Motors background: innovation in process and products
- Co-creation and Digital Manufacturing for new business models
- OLLI self driving shuttle
- New Mobility services and Autonomous vehicles

Speaker to be announced shortly

10:40 Case Study

#### Road to Full Autonomous Train

- Introduction and overview
- Challenges and Solutions
- The future of rail

Dr. Amine Arezki / Strategy Leader Autonomous Train / Thales Group

#### 11:10 Morning Refreshments

11:40 Case Study

## Opportunities of a Connected Car and New Technologies for an Automotive Financial Service Company

- Connected car as an enabler for telematics services
- Learnings and success factors for developing services in the automotive industry
- New technologies and their potential for the automotive finance industry Dr. Andreas Dürr / Head of Telematics Solutions / Daimler Financial Services

12:10 Case Study

#### Using Motorsport to Accelerate Connected and Autonomous Vehicle Technology Development

- Why motorsport is the ideal proving ground
- What challenges can be address
- How motorsport can build public awareness and trust in connected and autonomous vehicles

Bryn Balcombe / Chief Strategy Officer / Roborace

# FUTURE OF CONNECTED VEHICLES INSURANCE AND PARTNERSHIP

12:40 Case Study

#### Insurance & the Connected Car

- Evaluating the impact on insurance premiums.
- What does the insurance companies think of it?
- The valuable data who owns it?

Speaker to be announced shortly

13:10 Lunch Time

#### 14:10 Coffee and Networking Break

14:20 Case Study

#### Shell's Connected Car Partnership with Jaguar Land Rover

- How Shell and Jaguar Land Rover launched the world's first in-car payment system
- How Shell's connected car has developed, one year on from JLR partnership
- Shell's future plans for the connected car

Matt Reizenstein / Digital Business Development / Shell Europe

14:50 Panel Discussion

#### Innovations and Challenges- What have we Learned?

- Future for IoT: How will it drive efficiency innovation in industry
- What can we expect to see in the next few years?
- OEMs perspective
- What challenges innovation are currently facing across industries

Eyal Amir / Co-Founder CEO / Ai Incube (Parknav)

Dr. Ulrich Fastenrath / Head of Mobility and Fleet Intelligence / BMW

Ravinder (Ravi) Singh / C-Level: Rapid transformation, Advisor: Investment, Rationalization, Incubation / Tata Singapore Airlines (Air Vistara)

Niranjan Murthy / Heads Innovation Strategy OEM Business : Connected Car, Al/ML, e-mobility / TATA Elxsi

16:30 Afternoon Coffee and Networking

17:00 Case Study

#### Hold-ups on the Road to Self-Driving Cars

- Which technical, legal, and other problems are still in the way of self-driving cars?
- What are the common misconceptions about progress in the field?
- What can be done to speed up the market entry?

Dennis Heine / Partnerships & Strategy AID / Audi AG

17:30 Chairman's Closing Remarks

17:40 Close of Conference



## Thursday 24th May 2018



08:00 Registration & Refreshments

08:30 Chairman's Opening Remarks

# NEW TECHNOLOGIES AND INNOVATION - CREATING A NEW GENERATION OF SMART VEHICLES

08:40 Case Study

#### Vehicle-to-Everything Communications (V2X)

- How does it work?
- Why do we need it?
- What are the challenges?

Oliver Bahns / Head of Connected Mobility / T-Systems

09:10 Case Study

#### OEM's Challenges and Solutions in Connected and Autonomous Vehicle Technology Integration

- Understanding what the customer wants
- Assessing techniques and tools
- Data Protection

Niranjan Murthy / Heads Innovation Strategy: Connected Car, IOT, AI/ML and E- Mobility / TATA Elxsi

09:40 Case Study

#### **Pedestrians and Automated Vehicles**

- Collision avoidance and safety.
- New test environments with pedestrians.

Michael Hartmann / Researcher & European Marie Curie Fellow / VIRTUAL VEHICLE Research Center

10:10 Case Study

#### Al for IoT

- Discuss recent technological and business advances in the application of Al to IoT.
- Evaluate several problems and opportunities that are outstanding in the combination.

Eyal Amir / Co-Founder CEO / Ai Incube (Parknav)

10:40 Morning Coffee and Networking

11:10 Case Study

#### Connectivity is Strategic => Automotive OEMs are the Next Telcos

- Why being a MVNO gives more control to car manufacturer in their competition against Google and Apple?
- What the operational steps to become for a car manufacturer?
   Jacques Bonifay / CEO, Transatel Chairman / MVNO Europe European association of MVNO

11:40 Case Study

#### Al in Enterprise – an Automotive Perspective

- Introduction: Artificial Intelligence
- Data:Lab as competence center for Al and ML incl. our vision and mission statements, areas of expertise. Data Science Project examples how the Data:Lab fuels our future business with data. And Al.
- Future IT Innovations powered by VW Group IT and Future Outlook

Barbara Sichler / Head of Business Development and Product Management / Volkswagen Group Data:Lab

12:10 Case Study

#### Neural Networks for Route Management for Driverless Car Fleet

- Managing a fleet of autonomous vehicles for the purpose of mobility-as-a-service – competing with likes of Uber or Black cab, poses another set of challenges beyond the singleton self-driving car.
- In this session, we will discuss how artificial neural networks will play
  a critical role in fleet management operations such as route computation.

Ajay Malik / CTO & Head of Engineering / Lunera

12:40 Lunch Time

13:40 Coffee and Networking Break

13:50 Case Study

## How to Leverage Funding in Innovative SMEs and Startups: the IMPACT Connected Car Example

- EU funds for innovative SMEs: the cascade funding concept
- The IMPACT Connected Car project and the financial support to third parties
- Making the support to innovation sustainable: the ICCAR community David Seoane Vilariño / Project Manager / Funding Box / Consultant and

Project Manager / IMPACT Connected Car

14:20 Case Study

#### Connected Vehicles: Beyond Vehicle Telematics

- The evolution of the OBD (on board device), from a number counter to a powerful computer platform
- Impact of cheap modular computing on extending the use case for on board computing
- Developing compelling consumer propositions from the data generated

Anuj Jain / Vice President Product Area Connected Mobility & Connected Logistics (BCDS/PAM BCDS/PAL) / Bosch Connected Devices and Solutions GmbH

# CONNECTED AND AUTONOMOUS VEHICLES-REGULATIONS & LEGAL ISSUES

14:50 Case Study

## Cyber Security-Analysing & Identifying the Risk & Threats-Policies & Guidelines

- What is the scale of the current threat and how can this information be shared throughout industry.
- Assessing new guidelines and regulations.
- Need for product aftercare and incident response to ensure systems are secure over their lifetime.
- Risk management and risk communication along the supply chain.

Jan Munther / Senior IT Security Manager -Security, Privacy and Continuity / HERE

15:20 Afternoon Coffee and Networking

15:50 Case Study

#### Are Autonomous Vehicles Regulations Ready?

- The new legal framework for automated vehicles in Germany Pitfalls from a liability perspective.
- Automation and the rise of product liability Ramifications for the allocation of liability along the supply chain.
- Liability risks in the context of vehicle hacking and the interruption of connectivity.
- Legal obstacles for the introduction of autonomous vehicles at the international level- The Vienna Convention on Road Traffic and the ECE Regulations.

Dr. Christian Kessel / Partner / Bird & Bird LLP

#### 16:20 Panel Discussion

#### Connected Vehicles- Future Vision for the Automotive Industry

- Assessing new technologies and tools
- Identifying and implementing the best strategies
- Understanding the human driver behaviour
- Socio-economic implications

Panelists

Dr. Andreas Dürr / Head of Telematics Solutions / Daimler Financial Services David Seoane Vilariño / Project Manager, Consultant and Project Manager / IMPACT Connected Car

Jacques Bonifay / CEO, Transatel Chairman / MVNO Europe European association of MVNO

Ajay Malik / CTO & Head of Engineering / Lunera

16:50 Chairman's Concluding Remarks

17:00 End of Conference



# **Conference Speakers**





Jacques Bonifay / CEO, Transatel Chairman / MVNO Europe European association of MVNO

In November 2009, Jacques became President of Alternative Mobile, the French MVNO association made up of the country's largest MVNOs, where he leads the association's interests in relation to the French government and telecom regulatory authorities. Jacques was elected President of EAFM, the European Association of Full MVNOs in October 2012. Now re-named MVNO Europe, the group includes major European operators, such as Liberty Global, Telenet, PosteMobile, Cyta Hellas, Voiceworks, and El Telecom (NRJ Mobile). Jacques is guiding their lobbying efforts to the European institutions. Before founding Transatel, Jacques had a career in the space industry at Airbus Group, and afterwards as a consultant for McKinsey & Co. at the Paris office. Jacques later headed Strategy & Business Development for the Professional & Consumer Division of Alcatel, where he initiated new businesses based on fixed mobile convergence and e-commerce with several operators. Jacques holds an MBA degree from INSEAD and an engineering degree from ENSERG/INPG (Ecole Nationale Supérieure d'Electronique et de Radioélectricité de Grenoble) – France.

#### Dr. Christian Kessel / Partner / Bird & Bird LLP

Christian is a widely experienced commercial lawyer with special expertise in automotive and supply chain issues Christian's practice is focused on commercial contracts, supply chain matters and corporate transactions. He is one of the leading and most experienced legal experts in the automotive industry. He is deeply involved in the disruptive technologies of autonomous driving and electromobility. Christian is a partner in our Frankfurt office and head of our National and International Automotive Group. His areas of practice comprise drafting of, reviewing, advising on and negotiating complex commercial contracts, standard agreements required by clients for use in both B2B and B2C settings and advising on any relevant warranty and liability issues. Christian advises and represents automotive suppliers. Admitted to the Berlin Bar in 1991 and to the Frankfurt Bar in 1996, Christian has also been a solicitor in England and Wales since 1993 and practised in London from 1991 to 1996. He studied at the Freie Universität Berlin, where he gained his doctorate degree in 1994 and at the University of London, Kings' College, where he gained his LLM.



David Seoane Vilariño / Project Manager at FundingBox, Consultant and Project Manager / IMPACT Connected Car

David Seoane is Senior Consultant at econet Spain and Project Manager at FundingBox. Law Degree (2005) and Master in EU Studies (2006). He has been working at econet consultants since 2008, with main expertise in fundraising for projects financed under INTERREG, ERDF, FP7 and H2020. Also, support on management of projects for third parties/clients, namely INTERREG. He collaborates also as Project Manager in RIOHUB (2016-2017), financed by I4MS initiative, and since April 2017 joined FundingBox to work as Project Manager of IMPACT Connected Car (2017-2019), financed under H2020 in the framework of INNOSUP initiative. He has also provided supporting services, e.g. like fundraising to beneficiaries of previous projects where FundingBox Group has participated like INCENSE or IMPACT. He currently combines fundraising and project management roles at FundingBox, mainly under H2020 programme financing.

#### Ajay Malik / CTO & Head of Engineering / Lunera

Former Head of Engineering/Architecture of Worldwide Corporate Network at Google, Ajay Malik is a technologist, business futurist, and prolific inventor with about 90 patents pending/issued specializing in artificial intelligence, Wi-Fi networking, Quantum computing, and Real Time Location. Ajay Malik is currently CTO & Head of Engineering of Lunera and responsible for creating the vision for the company; lead the technology development to realize this vision and evangelize the technical approach. He joined Lunera from Google, where he was head of architecture and engineering for the worldwide corporate network. Prior to Google, Ajay was senior vice president of engineering and products at Meru Networks where he led the transformation of the company's technology resulting in its acquisition by Fortinet. Malik has also held executive leadership positions at Hewlett-Packard, Cisco, and Motorola. He completed B.E in Computer Science & Technology from IIT, Roorkee, India, one of the premier institutes of India. He is author of "RTLS for Dummies", "Augmented Reality for Dummies" & "Artificial Intelligence for Wireless Networking".



Antoine Mathiaud / Executive VP Research & Business Development / PTOLEMUS Consulting Group

Antoine Mathiaud has gained 16 years of experience for companies such as Qualcomm Enterprise Services, Omnitracs, Astrata and Strategy Analytics. He is a recognised expert in the domain of connected vehicles and fleet telematics, having run a fleet TSPs' Marketing & Sales functions for 10 years. He has been in contact with European fleets daily during that period. As Astrata Europe's Sales & Marketing Director, he managed a commercial team of 20 executives. He generated over 5,000 leads per year for the fleet Telematics Service Provider and closed many large enterprise contracts with some of the key stakeholders in the European fleet market, notably Axxès, BP, Iveco, Shell, VDO Continental, Vos Logistics and Waberer. For Qualcomm Enterprise Services, he has defined the European-wide product roadmap of the fleet TSP and led its product marketing. Before Qualcomm, he was a consultant and industry analyst with Strategy Analytics, focused on the telecom and automatotive market. Antoine is a regular speaker at telematics, mobile telecom, and supply chain conferences such as Telematics Update, Insurance Telematics, Connected Fleet, ID World, Transportation Security Forum, Informa Telecoms.

# **Conference Speakers**





#### Matt Reizenstein / Digital Business Development / Shell Europe

Connected vehicles are transforming the in-car experience formotorists all over the world. It's up to Matt Reizenstein tohelp Shell and its automotive partners stay ahead of the traffic. We've all heard the old business cliché 'it's not what you know but who you know' - butfor Matt Reizenstein, it'sabout both. As a senior member of the Digital Business Development Team for Shell in Europe, he oversees relationships with partners across the automotive sector, including many of the industry's leading OEMs. That's the 'who'. Reizenstein's role is to collaborate with those partners - both new and existing -to roll outcutting-edge digital services designed toimprove the in-car experience for millions of motorists. In doing so, he also helps give OEMs a regular touch-point with their customers when they fill up, deepening their relationships with themand sharpening the quality of their data capture. There's the 'what'. It's a role that places Reizenstein at the forefront of the transport sector's move towards connected vehicles, something he describes as a "complete game-changer" for vehicle manufacturers and energy companies alike. Recently, it also saw him unveil the first cashless in-car payment system at a service station, allowing Jaguar Land Rover drivers to pay for fuel via their car's touchscreen at Shell retail sites in the UK. A further digital collaboration with General Motors launched in December 2017. Prior to taking up his current role, Reizenstein oversaw the deployment of Fill Up & Go, Shell's innovative payment solution, which lets customers pay for their fuel at the pump using their mobile phone. He graduated from Cambridge University with a first-class honours degree in history. And as both an avid reader of Russian Literature and keen football fan, the 2018 World Cup in Russia can't come soon enough. It's a role that places Reizenstein at the forefront of the transport sector's move towards connected vehicles, something he describes as a "complete game-changer" for vehicle manufacturers and energy companies alike. Recently, it also saw him unveil the first cashless in-car payment system at a service station, allowing Jaquar Land Rover drivers to pay for fuel via their car's touchscreen at Shell retail sites in the UK. A further digital collaboration with General Motors launched in December 2017. Prior to taking up his current role, Reizenstein oversaw the deployment of Fill Up & Go, Shell's innovative payment solution, which lets customers pay for their fuel at the pump using their mobile phone. He graduated from Cambridge University with a first-class honours degree in history. And as both an avid reader of Russian Literature and keen football fan, the 2018 World Cup in Russia can't come soon enough.



#### Dr. Amine Arezki / Strategy Leader Autonomous Train / Thales Group

Dr. Amine AREZKI has a PhD in Robotics as well as a Master in Robotics and Smart Systems acquired through his studies in France and the USA. He started his career in the field of robotics for medical applications in New Jersey (USA) and then joined Thales Transportation France in 2008 as hardware project manager for Chinese metro projects. Since then he worked in different roles within the Group, before joining the Strategy department of the Business Line Mainline Signalling in 2015, first as Product Line Manager for field elements (Axle counter, Point machine and Signals) and today Strategy Leader for Autonomous Train.



#### Dennis Heine / Partnerships & Strategy AID / Audi AG

After graduation Dennis studied in Göttingen, San Diego (California, USA), Bergen (Norway) and Mannheim economics, statistics and psychology and graduated with a Master of Science with a focus on corporate finance. Already in the international trainee program of Volkswagen AG he was able to pursue his enthusiasm for autonomous driving. He was one of the first "pioneers" who firmly believed in the revolutionary approach. Since then he has contributed to the progress of the subject by bringing together the technical and economic perspectives. Dennis helped build Audi's 100% subsidiary "AID" and switched from Audi to the startup to finalize work on the strategy and then continue building partnerships.



#### Oliver Bahns / Head of Connected Mobility / T-Systems

After studying industrial engineering Oliver Bahns started his career in 1995 as scientific assistant at the Fraunhofer Gesellschaft. 1998 he changed as a consultant to debis Systemhaus, the former IT branch of Daimler. Until 2008, Bahns headed the consulting and business development department of Industry Line Automotive at T-Systems, the corporate customers branch of Deutsche Telekom. Since 2008, Oliver Bahns was Global Director Automotive und Aerospace at Hewlett Packard, with worldwideresponsibility for industry strategy and business development activities in the areas of hardware, software and service. This included also the operational responsibility for theautomotive enterprise service business in Central Europe. Since January 2016, Oliver Bahns leads the business area Connected Car within T-Systems Digital Division, which bundles all company-wide activities around the topics connected car and connected mobility. Bahns spent several years of his career in South Korea, Indonesia, China and the USA. Today, he and his family live near Stuttgart.



#### Dr. Andreas Dürr / Head of Telematics Solutions / Daimler Financial Services

Andreas is Head of Telematics Solutions at Daimler Financial Services. In this role he is responsible for developing connected car telematics services for automotive finance and insurance purposes. Digitalization of current products, development of new services and experimenting with new technologies are the main focus of his responsibility. In this global role he also covers operations and market rollouts. Since 2009 Andreas has gained experience in developing digital services and building customer-oriented business models for the automotive industry. Plus, his work experience covers business development and leading pilot projects for electric vehicles and developing strategies for connected car and infotainment components. He studied information systems and gained his doctorates degree in developing business models for connected and non-connected automotive services.

# **Conference Speakers**





Barbara Sichler / Head of Business Development and Product Management / Volkswagen Group Data: Lab

Barbara started her career at IBM Germany in 2002 where she was responsible for Programme Management of IT Infrastructure Services in Europe. In 2007, she joined Audi where she held various management positions in IT and Strategy. In September 2016, Barbara joined Volkswagen Data:Lab where she is responsible for Business Development and Product Management. Data:Lab Munich is an innovation hotspot for Volkswagen Group and its affiliated brands to create value add through applying analytics and machine learning across the automotive value chain. One key initiative of the Data:Lab Munich is the startup collaboration space for machine learning startups to foster the collaboration between startups and Volkswagen Group.

#### Eyal Amir / Co-Founder CEO / Ai Incube (Parknav)

Eyal Amir is co-Founder CEO of Ai Incube (Parknav) and an Adjunct Associate Professor of Computer Science at the University of Illinois at Urbana-Champaign (UIUC). Prof. Amir received tenured Professorship at UIUC in 2009, after joining it in 2004. In 2013 he left his tenure to lead Ai Incube. Prior, he was a researcher at UC Berkeley, received his Ph.D. in Computer Science from Stanford University (2001), and M.Sc. (1994) and B.Sc. (1992) in Mathematics and Computer Science from Bar-Ilan University, Israel. Eyal is a recipient of IEEE "10 to watch in Al" (2006), received the CAREER Award from NSF, was a Fellow of the Institute for Advanced Studies at UIUC, and was awarded the Arthur L. Samuel award for best Computer Science Ph.D. thesis (2001-2002) at Stanford University. He wrote over 100 scientific articles, and his work on Al

#### Niranjan Murthy / Heads Innovation Strategy OEM Business: Connected Car, Al/ML, e-mobility / TATA Elxsi

Mr. Niranjan Murthy, Head, Innovation and delivery of connected car programs for OEM business. Highly experienced with 20 years of business transformation and technology leadership. He holds Masters in Electrical engineering. Currently associated with Tata Elxsi Ltd and driving connected car and cloud Technology services for premium automotive customer from UK for the last 8 years. He has extensive International experience from Technology leadership positions from UK, Japan and Germany, Netherland and India. He is focused on identifying and developing innovative projects in connected car, big data analytics, Internet of things and e-mobility technologies. He has successfully managed several initiatives from concept to productization. His recent work includes, digital transformation in connected car such as Russian ERA Glonass e-call, breakdown call, Remote monitoring and control, stolen vehicle tracking, cloud based mobile and web integration, e-mobility programs. He lead connected Car program for Automotive OEM customer from United Kingdom. Currently directing the programs in, Drive test simulation and cloud usage for connected car digital services. He specializes in, strategic planning, program development in cutting edge technologies. He involved extensively in identifying, fostering, and developing value added solutions and services to his customers. He is responsible for driving end-to-end connected car technology integration platform for premium Auto OEM from UK, delivering an integrated strategy for telematics mobile connectivity (both in-car and connected devices).

Specialisation: ICT, Connected Car, V2G, e-mobility, IOT, ADAS, Cloud computing, Strategic alliance partnership, Rapid prototyping, Presale

## **IoT Connected Smart Cars and Vehicles Forum**

Digital Drive - Pathway to the Future

Note

23<sup>rd</sup> - 24<sup>th</sup> May 2018 Wyndham Berlin Excelsior Berlin, Germany



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