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driving.digital Conference 2019

14 October 2019

The driving.digital conference is a program conference focused on cyber security in the automotive industry and mobility.

Conference themes will address the topic of stability of digital solutions in the automotive and mobility sectors and highlight areas of risk and vulnerability throughout the life cycle of vehicles, from development, production and operation to end-of-life.

The aim of the conference is to look at the current state of cyber security in the automotive and mobile industries, bring discussion and highlight the possibilities of involvement of Slovak companies and research institutions in area of stability of the smart autonomous ecosystems.

The target audience is automotive suppliers and subcontractors seeking innovative incentive to increase their competitiveness, foreign companies looking for expansion in the Slovak automotive market and suppliers of digital solutions for safe and secure car transportation.

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14. OCT CONFERENCE AGENDA

Moderator: Lubomir Straka (TA3)

8:30 - 9:30 — **Registration**

9:30 - 9:35 — **Conference opening / Maria Kalicakova, Igor Senkarcin**

9:35 - 9:45 — **Digital transformation in the transportation industry /** **Richard Rasi** (Deputy Prime Minister of the Slovak Republic for Investments and Informatization)
Highlights of digital transformation in Slovakia

9:45 - 10:00 — **Autonomous Cars: Safety Opportunity or Cybersecurity Threat? / Peter Beres** (Managing Partner, SophistIT, Slovakia)
Self-driving cars could prevent deaths and increase lower-income mobility, but might also give hackers a new playground

10:00 - 10:20 — **From Chip to City / Katrien Wyckaert** (Director Industry Solutions, STS, Siemens Digital Industries Software, Belgium)
Siemens path forward for design exploration, verification and validation of autonomous vehicle technology, across the entire system

10:20 - 10:45 — **Learning from the past and looking into the future / Gilad Bandel** (Arilou, NNG, Israel)
Automotive cyber security challenges

10:45 - 11:00 — **Coffee Break**

11:00 - 11:20 — **Autonomous Vehicles and Artificial Intelligence / Lubos Magdolen** (Slovak University of Technology, Slovakia)
Current status and future of research and role specific IT segments. Focus will be on creation of digital twins and their usage in development

11:20 - 11:45 — **5G Unlocking new digital experience / Jakub Borkowski** (HUAWEI, Poland)

11:45 - 12:05 — **Citizens living in Autonomous Cities - the new paradigm / Alain Staron** (Amborella, France)
What if Autonomous tech creates a much wider paradigm shift than expected?

12:05 - 12:10 — **Driving Tesla experience / Jaroslav Kapso** (Drive Tesla, Slovakia)

12:10 - 13:10 — **Lunch**

13:10 - 13:30 — **External manipulation of the self-driving car / Gabor Kiss** (Óbuda University, Hungary)
When artificial intelligence of vehicles could be confused or influenced to make bad decisions

13:30 - 14:00 — **Cyber half of dozen in driving.digital / Ondrej Krehel** (LIFARS, USA)
Six cyber threats in smart mobility

14:00 - 14:20 — **Security challenges in the car production industry / Marian Klaco** (Volkswagen, Slovakia)
What are the information security challenges that need to be considered and what measures can help improve security?

14:20 - 14:35 — **Data anonymization is key / Roman Cupka** (Flowmon, Slovakia)
From secured data collection up to reliable smart mobility information

14:35 - 14:50 — **Coffee Break**

14:50 - 15:10 — **Lawyers and autonomous vehicles / Ivan Kisely** (Allen&Overy, Slovakia)
An uneasy, yet passionate relationship

15:10 - 15:30 — **The leading role of the UK in future mobility / Martin Wood** (DIT, UK)
Automotive R&D network in UK

15:30 - 15:50 — **Road Safety Policy in Digital Transportation / Armin Kaltenegger** (KFV, Austria)
Digital transformation contribution to road safety

15:50 - 16:05 — **2019 Autonomous Vehicles Readiness Index / Jozef Geci** (KPMG, Slovakia)
Are we ready for autonomous vehicles? Autonomous Vehicles Readiness Index measures 25 countries' preparedness for autonomous vehicles

16:05 - 16:15 — **Innovations and Investments - the key to smart mobility / Tomas Salini** (SARIO, Slovakia)
Support mechanisms related to R&D&I – R&D Tax superdeduction, Investment incentives scheme and Innovation services provided by SARIO

16:15 - 16:20 — **Closing remarks**

17:00 — **Networking dinner sponsored by SophistIT**
at Farrier's Steak House, X-Bionic Sphere

ROUND TABLE

15th October

The Round Table is an accompanying event of the driving.digital Conference, bringing the professional discussion about how the R&D innovation outcomes contribute the global automotive industry and mobility.

Main topic: The Slovak contribution to international R&D teams in the field of stable digital solutions for the global automotive industry and mobility.

Round Table Agenda

The Panel discussion among invited guests on prepared questions from the automotive and smart mobility research landscape perspective, innovation labs and startup opportunities contributing the stable global automotive industry and smart mobility.

The Open discussion among the panelists and Round Table delegates to bring more views and clarity in the discussed topics, from the perspective of implementation the R&D / innovation results into the operational manufacturing and productions.

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15. OCT ROUND TABLE AGENDA

Moderator: Lucia Yar (Senior Editor, EurActiv)

● **8:30 - 9:00** **Registration**

● **9:00 - 9:05** **Round Table opening** / Igor Senkarcin

● **9:05 - 9:15** **Intro remarks** / **Emil Fitos** (ITAS, Slovakia)

● **9:15- 9:25** **Intro remarks from research** / **Rado Danilak** (Tachyum, USA)

● **9:25 - 9:35** **Intro remarks from investors - InoBat Success Story** / **Peter Jakubicka** (IPM Group, Slovakia)

● **9:35 - 11:45** **Slovak R&D contribution to global intelligent transportation**

Panelists / topic stakeholders

- ● **ICT: Emil Fitos** (ITAS), **Milan Istvan** (PPP), **Gilad Bandel** (Arilou)
- ● **Transportation: Stefan Rosina** (Matador Group), **Martin Wood** (DIT, UK)
- ● **Research and innovations: Daniel Straka** (Slovak Organization for Research and Development activities), **Lubos Magdolen** (Slovak University of Technology), **Gabor Kiss** (Óbuda University), **Rado Danilak** (Tachyum), **Peter Jakubicka** (IPM Group, Slovakia), **Branislav Sitar** (Faculty of Mathematics Physics and Informatics, Comenius University)
- ● **Management & Influencers: Tereza Cizkova** (Ministry of Transport of the Czech republic), **Radoslav Repa** (Office of the Deputy Prime Minister of the Slovak Republic for Investments and Informatization), **Peter Varga** (Ministry of transport and construction of the Slovak Republic)

● **11:45 - 12:00** **Coffee Break**

● **12:00 - 12:15** **Innovations and trends in the era of digital parking** / **Michal Broska** (PosAm, Slovakia)

● **12:15 - 12:30** **Development of automotive R&D in Slovakia** / **Tomas Kanok** (Continental Automotive Systems Slovakia)

● **12:30 - 13:55** **Round Table Audience and Panel experts Q&A** / **Audience** are the registered delegates, coming from key automotive industry supply chain players, the companies seeking for new business opportunities in the Slovak automotive industry space, the ICT solution vendors and innovation / research lab representatives looking after new partnerships, as well as the authorities from public institutions and agencies acting in the field of research and innovation.

● **13:55 - 14:00** **Closing remarks** / Igor Senkarcin

● **14:00 - 15:30** **Business Brunch sponsored by SophistIT**
at APANI restaurant, X-Bionic Sphere