

Kristin Eklöf, salbo.ai

Kristin Eklöf is a data scientist and founder of Salbo.ai. She has a PhD in data analysis, and her research has been focused on how data-driven models can improve maintenance of transportation infrastructure assets. Previously, she has estimated empirical service lives of Swedish asphalt pavements, detected signs of early deterioration from condition measurements on Highways England's highway network, and calculated the marginal cost of road wear of light and heavy traffic in Sweden.

Dr. Edgar de León Izeppi, Leader of the Vehicle-Pavement Interaction Group at the Center for Sustainable and Resilient Infrastructure at the Virginia Tech Transportation Institute (VTTI)

Edgar has worked in the areas of pavement management and transportation engineering for over 30 years. He is currently a Research Scientist, Leader of the Vehicle-Pavement Interaction Group at the Center for Sustainable and Resilient Infrastructure at the Virginia Tech Transportation Institute (VTTI) working for the Pavement Surface Properties Consortium and other multidisciplinary research projects that address end-result and performance-oriented specifications. He has performed extensive data collection for pavement structural and functional performance, as well as pavement life cycle cost analysis, pavement design and geometric design. He is engaged with the FHWA Continuous Pavement Friction Measurement and the FHWA Relationship of Asphalt Mix Gradation to Macrotecture and Safety projects as well as NCHRP Guidance on Dynamic Hydroplaning on Roadways and NCHRP Protocols for Network-Level Macrotecture Measurement.

Maria Mäkitalo, VTI

Research Director at the unit Infrastructure maintenance at VTI, The Swedish National Road and Transport Research Institute. Prior of joining VTI she worked in the Automotive process Industry. She has a PhD in Applied Geology.

Thomas Lundberg, VTI

Thomas is a research engineer on road maintenance and assessment working at the unit Infrastructure maintenance, VTI. Areas of expertise are road condition assessment and indicators & measures for describing road surface conditions and maintenance planning.

Joe Turley, RetroTek, Reflective Measurement Systems Ltd

Joe is CEO & founder of Reflective Measurement Systems Ltd. He has a post-graduate diploma in the International Selling Program (ISP) with DIT & Enterprise Ireland. Degree in marketing from the Marketing Institute of Ireland and a professional diploma in Financial Advice (QFA).

Michael Brogan, RetroTek, Reflective Measurement Systems Ltd

He is a software development engineer at Reflective Measurement Systems Ltd., since 2015, and has led the development of the RetroTek survey analysis and analytics platform, QuickView-Pro. He graduated with a PhD in 2016 as a Government of Ireland Scholar, where he developed a geospatial video-based driving simulator

Adam Zofka, Road and Bridge Research Institute (IBDiM)

Adam is a Full Professor in Poland (lifetime title given by the President of Poland). He has been principal project investigator/coordinator for several engineering research projects both in the US and Poland. His specific research experience includes road asset management, advanced diagnostics including traffic speed deflection, climate change modelling of surface infrastructure materials, advanced

materials characterization and modelling, recycling of various construction materials, development of recommendations for performance-based specification for asphalt binders, sustainable pavements, resilient and sustainable infrastructure and noise mitigation and modelling. His work includes asset management, resilient and sustainable infrastructure and advanced numerical modelling of the surface transportation, mechanical, physical and chemical properties of used materials.

Christian Stjernquist, Ramboll

Department manager at Ramboll. He is a civil engineer working within infra-asset management and operation, innovation/R&D. Christian has a passion for innovation and strategic development within infrastructure with the help of digital tools. Experience within project management, research and development projects, life cycle costing analysis, road survey technology development, innovation ideation and lean start-up, infrastructure asset management, strategic infrastructure maintenance.

Martin Wiström, Ramboll

Head of Department, Road Specialist at Ramboll Sweden AB. Leading a group of specialists in the wide field of road assessment and construction. Primarily working in road rehabilitation projects and bearing capacity studies. Performing field work and interpretations using ground penetrating radar, GPR.

Roland Spielhofer, AIT Austrian Institute of Technology

Roland Spielhofer works as scientist and project manager in the Center for Low-Emission Transport at the AIT Austrian Institute of Technology in Vienna since 2003. He is involved in several national and European projects in the field of road surface properties. He is member of several national and international standardisation organisations, Main research topics are tyre-road interaction, longitudinal evenness and asset management.

John Laurent, Pavemetrics

He is a co-founder of Pavemetrics Systems inc. For the past 25+ years he worked on developing 3D and laser imaging technologies that are now being used by government institutions and data collection companies in over 45 countries around the world for the inspection of roads, rails, tunnels and airports. He is also the author of several papers and patents on the subject of using lasers, optics and image processing for inspection of transportation infrastructures.

Alexander Reiterer

Head of Department Object and Shape Detection at Fraunhofer Institute for Physical Measurement Techniques IPM and Head of Research Group "Mobile Terrestrial Scanning MTS" at Fraunhofer Institute for Physical Measurement Techniques. Since 2017 W3-Professor, Department of Sustainable Systems Engineering, University Freiburg, Germany

Bjarne Schmidt, ARRB Systems

2020 Principal Engineer at ARRB Systems AB, Europe, Member of CEN TC 227 WG5 - Pavement surface characteristics and the Swedish Institute for Standards, Road Materials.

Senior Consultant Danish Technological Institute (2017 – 2019), Over the years (1994-2017) various position at the Danish Road Directorate and the Danish Road Institute, Senior Consultant, Rambøll, Denmark 2007, EU-consultant, DTI-Euro centre, "Danish Value Relay Centre 1993 – 1994, Nordic loan staff at the Strategic Highway Research Programme, Washington DC USA 1991 – 1992, Visiting scientist Australian Road Research Board, Melbourne Australia 1987 – 1988, Ove Arup, London, England 1982 – 1983, Lau Eide A/S Bergen, Norway 1980

Alfred Weninger, Deighton

Vice President Engineering, Deighton. More than 20 years of experiences in the area of managing pavements, especially with the implementation of pavements management systems (PMS) for road administration authorities in Austria and other European countries. Furthermore, these activities include the preparation of rehabilitation and maintenance concepts for decision makers (road administrations and concessionaires) on network level as well as on project level. Previous positions have been Engineering office for traffic and infrastructure (former PMSConsult), 2005 - 2018 Technical director Deighton Europe (former Viagroup), Winterthur, Since 2008 Lecturer for road construction at the University of Applied Science, 1998 – 2006 University assistant at the Institute for Road Construction and Maintenance, Technical University Vienna, 1990 – 1997 Freelancer, architecture office Leierer & Maurer, Vienna

Harald Teufelsbauer, RiegL LMS

Harald Teufelsbauer holds a PhD in technical mathematics and computer sciences from Vienna University of Technology. As research associate, he focused on modelling and simulation of natural hazards based on high-definition LiDAR data. From 2009 to 2014 he was working as Product Manager for optimization of energy trading and physical asset utilization at OpenLink in Vienna. Since 2014 he is with RIEGL Laser Measurement Systems GmbH, as Business Division Manager for Mobile Laser Scanning.

Reinhard Wehr, AIT, Austrian Institute of Technology

Scientist at the Business Unit Transportation Infrastructure Technologies AIT, Austrian Institute of Technology. Project management, sound measurements, development of measurement methods, acoustic measurements and simulations (BEM), Digital Signal Processing, programming (GnuR, Python, C#) and statistical data analysis including machine learning.

Josef Stryk, CDV- Czech Transport Research Centre

Dr. Josef Stryk has been working for CDV-Transport Research Centre since 1999. His current position is a senior researcher in department of transport infrastructure. The main topics of his interest are non-destructive testing and concrete pavements. He participated in a number of national projects focused on applied research in the field of transport infrastructure (e.g. for Technology Agency of the Czech Republic and the State Fund of Transport Infrastructure). He participated in solving of the European projects: SPENS, CERTAIN, ARCHES, DIRECT-MAT, MIRAVEC, FOX and COST actions No. 347, 354 and TU1208. He is the representative of the Czech Republic in CEN, TC 227: Road Materials, WG5: Surface Characteristics and in PIARC TC D.2: Pavements; is chair of the Pavement surface section within the Czech Road Society and a member of the Czech Society for Non-Destructive Testing.

Hårvard Farstad, ViaTech

ViaTech AS, VP Business Development, Kongsberg, Norway. Main responsibilities in addition to business development: ViaTechs range of friction measurement equipment, both production and further improvement of the equipment. This includes participation in the CEN committee concerned with road friction measurements.

Henri Giudici, ViaTech

Henri Giudici is working at ViaTech AS as Principal Scientist. He holds a Ph.D. in Civil and Environmental Engineering from the Norwegian University of Science and Technology (Norway) specializing on the maintenance of road infrastructure. Dr. Giudici has several years of research and industrial experience

on the use of monitoring technologies for the evaluation and assessment of road infrastructure condition.

Olle Eriksson, VTI

Olle has a PhD in statistics, working with design of experiments, statistics, data analysis and programming at VTI.

Eelke Vromans, Kiwa KOAC

Eelke is unit manager for the road testing at Kiwa KOAC and is working within this unit for more than 15 years. He has studied civil engineering and is working in the field of road testing. During his job at Kiwa KOAC he has been involved in many developments of road-testing equipment and its application in daily practice. He has knowledge in the field of skid resistance, laser sensor measured unevenness and damage detection as well as bearing capacity testing.

Matteo Pettinari, Danish Road Directorate (DRD)

Dr. Matteo Pettinari holds a PhD in Transportation and Highway Engineering from University of Bologna with leadership and management experience. Matteo works as special consultant at the Danish Road Directorate (DRD) and is leading a project focused on road condition assessment based on data from connected cars (LiRA) supported by the Danish Innovation Fund. Prior to joining the DRD, Matteo worked as postdoc at the Technical University of Denmark studying the mechanical response of Low Rolling Resistance pavements. He was Work Package leader of a project called Road Saving Energy (ROSE).

Alex Wright, TRL, Transport Research Laboratory

Chief Technologist, TRL, Transport Research Laboratory. Alex is a physicist, with over two decades' experience in the development and implementation of technologies in the transport sector. In his role as Chief Technologist at TRL Alex supports the development of strategy for the use of technology and provides technical direction to projects. He has successfully led a wide range of research at TRL, particularly in the areas of asset management and new technologies and has been instrumental in the introduction of new systems on the local and strategic road networks for surface and structural condition assessment. He provides input to the whole technology lifecycle from system development through to testing and acceptance, the delivery of Advice and the development of strategy and policy.

Björn Zachrisson, NIRA Dynamics

Business and Product Strategy Manager within the infrastructure segment at NIRA Dynamics AB. Been in the software industry since graduation 2006 with a master's in computer science. Worked in the mobile communication and aviation industry prior of joining NIRA. Before the current position, Björn was responsible for NIRA's in-vehicle products towards the Volkswagen brand. In the NIRA connected portfolio Björn started out coding the foundation of what is NIRA's backend today, where data from hundreds of thousands of vehicles are ingested and presented as road information layer. Today the responsibilities lie within defining the product and building the business value.

Karsten Bronowski, Xenomatix

Karsten Bronowski is responsible for Xenomatix Business Development and Sales focusing on Central and Eastern Europe. He graduated as industrial engineer in 2003 and brings experiences in the fields of detector technologies for Lidar applications, optical metrology, and machine vision. Before joining Xenomatix in 2019, he worked as Business Development Manager LiDAR at First Sensor (now part of

TE), where he initially started as Key Account Manager. Before that he worked in cross functional sales, business development and marketing positions.

Leif Grønskov, Greenwood Engineering

Leif is head and owner of Greenwood Engineering, that was founded in Denmark in 1992 by Leif. He is Bachelor of Mechanical Engineering and inventor of TSD.

Andreas Grossman, Ginger Lehmann +Partner

CEO at LEHMANN + PARTNER GmbH, Dean Faculty of Civil Engineering, HTWG Konstanz and Professor of Transportation, University of Applied Science, Konstanz. His main topics are development of Mobile Mapping Systems, condition survey and evaluation, pavement and asset management, artificial intelligence, road operation service and consulting in concrete traffic areas.

Willem van Aalst, TNO, the Netherlands Organisation for applied scientific research

System Engineer and project manager within the department of Intelligent Imaging of TNO, Netherlands Organization for Applied Scientific Research, located in The Hague (The Netherlands). Fourteen years of experience in the development and evaluation of inspection and monitoring methods for road and railway infrastructure and various industries. Current key projects include studies regarding the effectiveness of pavement rejuvenators and the development of fully automated 'in-traffic' pavement inspections of (porous) asphalt regarding ravelling, cracking and geometry, including automated analysis.

Natasja Ringsing Nielsen, Danish Road Directorate (DRD)

She is employed in the Danish Road Directory where she works with data analysis of pavement surface conditions, as well as how one can exploit the many information's collected about our road's conditions through different measurement equipment's. She has a PhD in physics, specializing in characterizing structural changes of a pavement subject to a moving load and the resulting energy loss due to heavy vehicles.

Peter Ekdahl, Ramboll

Director and Innovation lead for Waywize.com at Ramboll. Experienced Director with a demonstrated history of working in the civil engineering industry. Strong professional skilled in Highways, Feasibility Studies, Structural Engineering, Construction, and Contract Management. Long record of R&D work.