

Smart Technologies - creating value for business

Guest Speakers

Professor Tom Van Woensel - Technische Universiteit Eindhoven

Tom Van Woensel is Full Professor of Freight Transport and Logistics in the OPAC group (Operations, Planning, Accounting and Control) of the Department of Industrial Engineering and Innovation Sciences at the Technische Universiteit Eindhoven in the Netherlands. Prof. Van Woensel also serves as the Academic Director of the Global Supply Chain Management program at the Antwerp Management School, Belgium. As a collaborating member, he is also connected to the CIRRELT (Centre interuniversitaire de recherche sur les réseaux d'entreprise, la logistique et le transport) in Montreal, Canada.

Professor Van Woensel conducted a large number of projects with industry, mainly with and through his Master, Professional Doctorate and Doctorate students. He is also a frequent speaker at academic and professional conferences, both in the Netherlands and abroad.

Prof.dr. Van Woensel is a member of the management team of the European Supply Chain Forum, a collaborative effort with about 30 large multinational companies.

City logistics: developments and critical reflection

This presentation focuses on a large number of developments seen in the city logistics context. Based on these developments, a number of interesting challenges and opportunities are presented. The presentation will be based on a number of real-life experiments and demonstrations.

Professor Tolga Bektas – Southampton Business School

Tolga Bektas is a Professor in Logistics Management within the Southampton Business School and Head of the Department of Decision Analytics & Risk. His research interests are in optimisation modelling with applications to vehicle routing, network design, freight logistics and transportation. He has been investigator in a number of externally funded projects concerning material sciences for energy efficiency in transport, railway timetabling optimisation, maintenance planning in sea vessels and freight distribution in urban areas. He has published scientific papers in peer-reviewed journals, and authored a textbook on freight distribution and transport recently printed by CRC Press.

Transportation is at the heart of distribution logistics and the world economy. Faced with increased demand and operating under limited resources, transport systems are constantly looking to improve the efficiency of the operations concerned. This is where smart solutions may

help. The talk will describe some of the previous and current work I have been involved in to develop optimised solutions in rail, road and marine transport.

Professor Jyoti Choudrie – University of Hertfordshire

Jyoti is a Professor of Information Systems with expertise in investigating the social inclusion and adoption of Information and Communications Technologies on society's 'marginal groups'. Her research focuses on the socio-technical aspects of internet related technologies; namely the digital divide amongst silver surfers, the diffusion and adoption of Information and Communications Technology. She has consulted with renowned organisations such as, BT and Xerox with her research being cited in trade journals such as, Computer Weekly, Computing and newspapers such as, The Guardian and Times online. She has commented on BBC Radio 4 and BBC 3 Counties radio programmes and has been an invited speaker to media events and international conferences such as EU-China Information Society Project.

Currently, new smart technologies are leading to a proliferation of new small to medium sized enterprises in the form of cab companies, hotel rooms for rent. In this session, I will explore and offer insights into what, how and where new smart technologies are leading to entrepreneurship in various marginal as well as mainstream populations.

Dr. Soheil Davari – University of Hertfordshire

Soheil is a senior lecturer in operations & supply chain management at Hertfordshire Business School. He has a PhD in Industrial Engineering & Management Sciences from Amirkabir University of Technology, Iran. Prior to joining the Hertfordshire Business School, he was a research fellow at Cardiff University, United Kingdom; a mathematical modeller at NHS Wales; a postdoctoral fellow and a visiting lecturer at Sabanci University, Turkey; and a consultant in different sectors of industry for more than eight years. His current research areas are business analytics, public service delivery, and smart cities.

From smartwatches and mobile phones to drones and self-driving cars, smart technologies and Internet of Things (IoT) are becoming ubiquitous. The number of connected things is projected to exceed 50 billion by 2020. IoT is a novel paradigm which deals with how physical devices can interact with each other and us through the internet. It has drawn significant attention from both academics and practitioners all around the world.

From a supply chain perspective, IoT can revolutionise processes by integrating information and communication technologies (ICT) such as sensor networks, mobile apps, machine-to-machine communication, and radio frequency identifiers. All these technologies can facilitate the process of accessing, analysis, and sharing data for both customers and organisations and bring about cost reductions, risk avoidance, better traceability, and higher degrees of flexibility. In this talk,

Soheil will provide applications of IoT in supply chain management and logistics providing real-world case studies and discussing the challenges of IoT projects.

Kristopher Gibbon-Walsh - FareShare

Multi-award winning Programme Manager, Overseeing the strategic vision, development and rollout of store level redistribution in the UK for FareShare.

Working across over 25 teams and several organisations (including major retailers) to deliver the maximisation of social good for the voluntary sector, through surplus food.

Bob Pearson – Hewlett Packard Enterprise

Bob Pearson is Specialist Business Consultant for Analytics & GDPR in the advisory practise of HPE Pointnext, which is the IT services division of Hewlett Packard Enterprise.

Bob has successfully advised on and developed solutions for many world-class organisations over the years, including Mercedes AMG F1 and Virgin Racing Formula E, for which he won the HPE Big Data Platform Deal of the Year in 2015.

Prior to HPE, Bob spent 15 years at Autonomy, advising on & developing solutions for new key account wins including Lucent, BP, Ericsson, Dennis Publishing, Nestle, and The Press Association, together with success in a variety of other senior roles including as Director of Sales for Northern Europe, operations, and salesforce training.

Enabling new business value and competitive advantage from smart analytics

Bob will offer a fascinating session exploring how businesses can gain new value and competitive advantage from adopting smart analytics technologies in order to harness more of the available data, much of which is often overlooked by their competitors.

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