Pavel Loskot

Pavel Loskot joined the ZJU-UIUC Institute in January 2021 as an Associate Professor after nearly 14 years at Swansea University, UK where he was a Senior Lecturer in Engineering. He received his PhD degree in Wireless Communications from the University of Alberta in Canada, and the MSc and BSc degrees in Radioelectronics and Biomedical Electronics, respectively, from the Czech Technical University of Prague in the Czech Republic. He is a Senior Member of the IEEE, Member of the Signal Processing and Life Sciences Societies, a Fellow of the Higher Education Academy in the UK, and a Recognized Research Supervisor of the UK Council for Graduate Education. He received 4 Best Paper awards from international conferences, and delivered tutorials and keynotes in nearly 50 international conferences.

In the past 25 years, he participated in and led numerous industrial and academic collaborative projects involving large and small institutions in the Czech Republic, Finland, Canada, UK, Turkey and China, and had consultancy contracts with several SMEs as well as larger companies. In 2014/2015, he was a visiting researcher in Computational Science Research Center of the Chinese Academy of Engineering in Beijing, China. In 2010-2012, he was the Digital Economy Adviser for the Welsh Government, and the Swansea University representative in Mobile Virtual Centre of Excellence in Mobile Communications in the UK. In 1999 to 2001, he was a Research Scientist in the Centre for Wireless Communications in Oulu, Finland, where he received the Nokia Research Award for his innovative work on adaptive transmission systems. He was involved in design, implementation and standardization efforts of the 2G, 3G and 4G mobile cellular networks and the early versions of WiFi and Bluetooth systems. In the past 8 years, he diversified his research interests and became directly involved in projects concerning computational molecular biology, air transport management, and renewable energy systems. This experience allowed him to truly understand the principles of interdisciplinary working and crossing the disciplines boundaries. His current research focuses on the problems involving statistical signal processing and importing methods from Telecommunication Engineering and Computer Science to other disciplines in order to improve the efficiency and the information power of system modeling and analysis.

https://person.zju.edu.cn/en/ploskot