2ND IEEE TRAINING SCHOOL IN MACHINE LEARNING FOR WIRELESS COMMUNICATIONS
24-26, MARCH, 2021
TOMSK POLYTECHNIC UNIVERSITY, RUSSIA

Wed 24th March 2021	Thursday 25th March 2021	Friday, 26th March 2021
Introduction & Welcoming Session 10.00-10.30 Andrey Yakovlev, Rector, Tomsk Polytechnic University, Russia. D. N. K. Jayakody, General Chair of the Training School, Tomsk Polytechnic University, Russia. Marwa CHAFII, General Co-chair of the Training School, ETIS, CNRS, France.	Linear Regression techniques for wireless communication, Part 1 09.30-11.00 Prof. E.S. Gopi, IEEE Senior Member, Department of ECE, NIT Tiruchirappalli, India.	AI-Enabled Wireless Networks: A Bridge from 5G to 6G 09.30-11.00 Melike Erol-Kantarci, IEEE Senior Member, University of Ottawa, Canada
Towards Smart Radio Environment Empowered by Reconfigurable Intelligent Metasurfaces & AI 10.30-12.30 Marco Di Renzo, IEEE Fellow, CentraleSupélec Paris, France	Linear Regression techniques for wireless communication, Part II 11.00-12.30 Prof. E.S. Gopi, IEEE Senior Member, Department of ECE, NIT Tiruchirappalli, India.	5G Radio Resource Management using Deep and Transfer Reinforcement Learning 11.00-12.30 Medhat Elsayed, University of Ottawa, Canada Melike Erol-Kantarci, University of Ottawa, Canada
12.30-13.30 Break	12.30-13.30 Break	12.30-13.30 Break
Deep Learning for 5G and Beyond: Potential Solutions and Challenges 13.30-15.00 Neeraj Kumar, IEEE Senior Member, ThaparInstitute of Engineering and Technology, Adjunct Professor at Charles Darwin, University, Australia.	Intelligent UAV Deployment for a Disaster-Resilient Wireless Network 13.30-15.30 Dushantha Nalin K. Jayakody, IEEE Senior Member, Fellow, IET, Tomsk Polytechnic University, Russia.	Dimensionality reduction techniques for wireless communication Part 1 13.30-15.00 E.S. Gopi, IEEE Senior Member, Department of ECE, NIT Tiruchirappalli, India.
15.00-15.30 Break	15.30-16.00 Break	15.00-15.30 Break
Deep Learning for 5G and Beyond: Potential Solutions and Challenges 15.30-17.00 Neeraj Kumar, IEEE Senior Member, ThaparInstitute of Engineering and Technology, Adjunct Professor at Charles Darwin, University, Australia.	Overview of Artificial Intelligence Technologies for Future Wireless Systems 16.00-17.00 John S Thompson, IEEE Fellow, Institute for Digital Communications, University of Edinburgh, UK.	Dimensionality reduction techniques for wireless communication Part II 15.30-17.00 E.S. Gopi, IEEE Senior Member, Department of ECE, NIT Tiruchirappalli, India.