

WORKSHOP: “5G in Vertical Industries” Wednesday, October 4, 2023 at Rutgers University Inn & Conference Center 178 Ryders Lane New Brunswick NJ 08901-8556 USA

Introduction/Description:

5G has emerged as a key enabler of digitalization in vertical industries. This has opened transformative opportunities in different sectors such as manufacturing, energy & utilities, ports, mining, transportation, public safety, agriculture to name a few that seek to optimize operations and lowering opex, improve safety and enhance sustainability. The successful deployment of 5G in vertical applications requires close collaboration between vertical industries, and an ecosystem of technology providers, system integrators, business analysts and CSPs. Motivated by these trends and advances in 5G to foster industrial innovation, IEEE workshop on 5G in Vertical Industries is bringing together leading stakeholders from across the entire ecosystem to discuss opportunities and challenges.

Agenda –

- Doors open at 8:00 am EST for registrations/check-in/networking a light breakfast will be served.
- Opening comments to begin at about 8:45 am follow by 16+ presentations
- Closing Remarks at 5:00 pm EST
- Breaks and Lunch are offer for in person attendance

Registration & Payment Info:

- IEEE ComSoc Members - \$59.00 USD
- IEEE Members - \$89.00 USD
- IEEE Student Members - \$49.00 USD
- All others - \$199.00 USD
- Virtual Access - Assure your Email is in the Note Field - \$29.00 USD

PLANNED AGENDA

as of Sep 6, 2023

Time (US EST)	Topic	Presenter
08:00 – 08:50 AM	Registration, Coffee and Light Breakfast	
08:50 – 09:00 AM	Welcome Remarks	Deepak Kataria, IEEE PCJS, ComSoc, FNI AI/ML
09:00 – 09:25 AM	Smart Agriculture	Rudra Dutta, NC State University
09:25 – 09:50 AM	Automotive	Syed Zaeem Hosain, Aeris Communications, Inc.
09:50 – 10:15 AM	Utilities	Carlos L'Abbate, Anterix
10:15 – 10:40 AM	Private Wireless Network Solution Provider	Darryl A Deaton, Bearcom
10:40 – 11:00 AM	Coffee Break	
11:00 – 11:25 AM	Industry Ecosystem Partner	Keren Ronen, Ericsson
11:25 – 11:50 AM	Mining	Eric L'Heureux, Solutions Ambra Inc.
11:50 – 12:15 PM	Enterprise Connectivity	Russell Vest, Ballast Networks
12:15 – 01:00 PM	Lunch	
01:00 – 01:25 PM	Manufacturing	Andreas Mueller, Bosch
01:25 – 01:50 PM	Oil & Gas	Frode Stoldal, Tampnet Americas
01:50 – 02:15 PM	Ports	Adam Schipper, Ericsson-Private Networks
02:15 – 02:40 PM	Private 5G	Nevin Jones, Verizon
02:40 – 03:05 PM	Private Wireless for Enterprise and Industry	Bill Beesley, Fujitsu
03:05 – 03:25 PM	Coffee Break	
03:25 – 03:50 PM	Nokia Digital Automation for industrial campus	Milind Buddhikot, Nokia
03:50 – 04:15 PM	Critical Services Solution Provider	Flavio Bonomi, Lynx Software Technologies
04:15 - 04:40 PM		TBD
04:40 – 05:05 PM		TBD
05:05 – 05:15 PM	Closing Remarks	Deepak Kataria, Past Chair IEEE PCJS, ComSoc