

Day 1 December 16, 2019		
9:00 AM - 5:00 PM Registration		
9:30 AM: 1:00 PM Morning Tutorial/ Workshop Session		
<p>Tutorial 1 - Network Science: An Introduction Pramode Verma (<i>Professor Emeritus of Electrical and Computer Engineering, Gallogly College of Engineering of the University of Oklahoma</i>) Venue - DLT5</p>	<p>Tutorial 2 - Amateur Radio Communication Systems and Networks as a Bridge to Connect Everything Miroslav Skoric, a Senior Member of IEEE Austria S. Ram Mohan, Executive Vice Chairman & Director of NIAR, Hyderabad Sandeep Baruah, Scientist-E, VIGYAN PRASAR, Department of Science & Technology, Govt. of India Venue - DLT6</p>	<p>Workshop 1 – Impact of Emerging Standards, 5G and Beyond, and Machine Learning on Connected Vehicles Prof. Seshadri Mohan, UA Little Rock, USA Venue - DLT7</p>
11:00 - 11:30 AM Tea Break Venue - Near DLTs		
<p>Tutorial 1 - Cont.. Venue - DLT5</p>	<p>Tutorial 2- Cont.. Venue - DLT6</p>	<p>Workshop 1 –Cont.. Venue - DLT7</p>
1:00 - 2:00 PM Lunch Break Venue -D mess		
2:00 - 2: 30 PM - Inaugration Venue - Auditorium		
<p>2:30 - 3:00 PM - Keynote Talk 1 -Dr. Matti Latva-aho, Director for 6G Flagship, University of Oulu, Finland. Session chair - Sudhir Dixit Venue - Auditorium</p>		
<p>3:00 - 5: 00 pm - Keynote Talk 3 -Dr. Rajesh Challa, Associate Architect, Network R & D division, Samsung R&D Institute India, Bangalore Session Chair - Sudhir Dixit Venue - Auditorium</p>		
3:30 - 4:00 PM Tea Break Venue - Near DLTs		
4:00 PM - 5:30 PM Technical Session 1		
<p>WL1 Venue - DLT5</p>	<p>NAT1 Venue - DLT6</p>	<p>EMT 1 Venue - DLT7</p>
5:30 PM - 6:30 PM Technical Session 2		
<p>Panel Discussion 1 - Panel Discussion Proposal - Ubiquitous Computing and Hyperconnected World Venue - DLT5</p>		
<p>7:00 PM Welcome Dinner Venue - VGH (Visitor Guest House Lawns)</p>		

WL : Wireless Technologies

NAT : Network Applications & Technologies

EMT : Emerging Technologies

Day 2 December 17, 2019			
9:00 AM - 5:00 PM Registration			
9:00 - 9:30 PM - Keynote Talk 2 - Akhil Panchabhai, General Manager in the Mobile Communications Team Samsung R&D Institute India, Bangalore - Session chair - T Rama Rao Venue - DLT 5			
9:30 AM- 1:00 PM Morning Tutorial Session/ Workshop Session			
Tutorial 3 Towards a LiFi based IoT Architecture: Applications and Challenges Anand Srivastava, Dean and Professor, Electronics & Communication Engineering, IIT- Delhi Venue - DLT5	Workshop 2 - Edge Stack Workshop Kandan Kathirvel, Akraino Technical Steering Committee Chair Venue - DLT6	Workshop 3 Fast Packet Processing using Data Plane Development Kit (DPDK) Dr. Mohit P. Tahiliani – NITK Suratkal Mr. Leslie Monis – NITK Suratkal Venue - DLT7	
11:00 - 11:30 AM Tea Break Venue - Near DLTs			
Tutorial 3 - Cont.. Venue - DLT5	Workshop 2 – Cont.. Venue - DLT6	Workshop 3 – Cont.. Venue - DLT7	
1:00 - 2:00 PM Lunch Break Venue - D mess			
2:00 - 2: 30 PM - Keynote Talk 4 - Ms.Sellamal Shekhar, DRDO Session Chair - Adrish Banerjee Venue - DLT5			
2:30 - 3:00 PM - Keynote Talk 5 - Ms.Swati Meherishi, Springer Session Chair - Adrish Banerjee Venue - DLT5			
3:00 - 3:30 PM Tea Break Venue - Near DLTs			
3:30 PM - 5:00 PM Technical Session 3			
WL2 Venue - DLT5	NAT2 Venue - DLT6	EMT 2 Venue - DLT7	Workshop 4 - Blockchain for Cyber-Physical Systems and IoT, Dr. Madhusanka Liyanage – University College Dublin, Ireland Dr. Anshuman Kalla – Manipal University Jaipur, India RaaJ Anand Mishra – Manipal University Jaipur, India Venue - DLT8
5:00 - 6:00 PM Technical Session 4			
WL3 Venue - DLT5		Workshop 4 –Cont.. Venue - DLT8	

Day 3 December 18, 2019						
9:00 AM - 5:00 PM Registration						
9:00 - 9:30 AM Lightning Talks Venue - DLT5					WIE 1 Venue -D103	
9:30 AM - 11:00 AM Technical Session 5						
WL4 Venue -D101	NAT3 Venue - DLT5	EMT 3 Venue - DLT8	Tutorial 4 Participatory Sensing and IoT-Cloud based Smart City Applications: Opportunities, Challenges and Case studies Sarbani Roy, Jadavpur University. Venue - DLT6	Workshop 5 – 5th DST UKIERI International Workshop on “Towards Intelligent Communication Networks” Prof. Vimal Bhatia – IIT Indore, Venue - DLT7		
11:00 AM - 11:30 AM Tea Break Venue - Near DLTs						
11:30 AM - 1:00 PM Technical Session 6						
WL5 Venue -D101	NAT4 Venue - DLT5	EMT 4 Venue - DLT8	Tutorial 4 - Cont.. Venue - DLT6	Workshop 5 – Cont.. Venue - DLT7	WIE 2 Venue -D103	
1:00 - 2:00 PM Lunch Venue - D mess						
2:00 - 3:00 PM Panel Discussion 2 -5G Challenges and Opportunities in India Venue - DLT5						
3:00 PM - 4:30 PM Technical Session 7						
WL6 Venue -D101	NAT5 Venue - DLT5	EMT 5 Venue - DLT8	Tutorial 5 Automotive Joint Radar Communications: When Hertz met Shannon in a Benz M. R. Bhavani Shankar, University of Luxembourg. Kumar Vijay Mishra, Army Research Laboratory (ARL), Adelphi. Venue - DLT6	Workshop 5 – Cont.. Venue - DLT7	WIE 3 Venue -D103	
4:30 PM - 5:00 PM Tea Break Venue - Near DLTs						
5:00 PM - 6:30 PM Technical Session 8						
WL7 Venue -D101	NAT6 Venue - DLT5	EMT 6 Venue - DLT8	Tutorial 5 - Cont.. Venue - DLT6	Workshop 5 – Cont.. Venue - DLT7	WIE 4 Venue -D103	
7: 00 PM Banquet PLANET HOLLYWOOD BEACH RESORT GOA, Uttorda Beach, Goa						

Day 4 | December 19, 2019

9:00 - 9:30 AM Key Note 6 **Dr. Mandar Chitre, National University of Singapore (NUS).**
Session Chair - Sanjeevan Afzulpurkar Venue - DLT7

9:30 AM to 11: 00 AM Technical Session 9

WL8
Venue - D 103

NAT7
Venue - DLT8

SP1
Venue - DLT5

Workshop 6
4th International Workshop on 5G and
Future Wireless Technologies

Navin Kumar, Amrita University
Arpita Thakre, Amrita University
Ashutosh Dutta, A T & T, New Jersey, US
Venue - DLT6

Workshop 7
Underwater Communication and
Networking

Dr. Sarang C. Dhongdi, BITS Pilani K K
Birla Goa Campus, India
Prof. Mandar Chitre, National University
of Singapore, Singapore.
Venue - DLT7

11:00 AM - 11:30 AM Tea Break
Venue - Near DLTs

11:30 AM - 1:00 PM Technical Session 10

WL9
Venue - D 103

NAT8
Venue - DLT8

SP2
Venue - DLT5

Workshop 6 – Cont..
Venue - DLT6

Workshop 7 – Cont..
Venue - DLT7

1:00 - 1:30 PM Keynote 7 - **Dr. Konstantin Kebkal, CEO/Chief Scientist, EvoLogics GmbH, Germany**
Seesion Chair - Antonio Mascarenhas Venue - DLT7

1:30 - 2:15 PM Lunch
Venue -D mess

2:15 PM - 3:45 PM Technical Session 11

WL10
Venue - D 103

NAT9
Venue - DLT8

EMT 7
Venue - DLT7

Workshop 6 –Cont..
Venue - DLT6

SP 3
Venue - DLT5

3:45 PM - 4:15 PM Tea Break
Venue - Near DLTs

4:15 PM - 4:30 PM Concluding Remarks
Venue - DLT7