

Workshop on Trends & Developments in Photonics and Optical Communications (TDPOC 2016)

28-29 March, 2016

Amrita School of Engineering, Kasavanahalli, Bangalore – 560035

Day	Title	Name	Time
DAY ONE (28th March 2016), MONDAY	REGISTRATION		8.30-9.00
	Inauguration of Workshop and Re-activation of Amrita School of Engineering IEEE Student Branch		9:00 – 9:30
	Application-Specific Specialty Fibers for Photonics: A new Paradigm in Optical Fiber Designs"	Dr. Bishnu Pal, Former Prof, IIT Delhi, Currently with Mahindra Tech Centre Technology, Hyderabad	9:30-10:30
	Tea/Coffee (10:30 – 11:00) + Photo Session		
	Optical Communications	Dr. Kanwarjit Singh Vice Chairman, Technical Tejas Networks	11:00 – 12:00
	Optical Imaging	Dr. Hegde G, Professor, Nano Centre -IISc	12:00-13:00
	Lunch 13:00 – 14:00		
	Optical Wireless Communications (Visible Light Communications: a Case Study)	Dr. Navin Kumar Asso Prof, Amrita School of Engineering	14:00 – 15:10
	Tea/Coffee (15:10-15:30)		
	Demonstration of link design examples using OFC-SystemsSoft for real world applications	Dr R Papannareddy, PRLightCOM Broadband Solutions Pvt. Ltd	15:30-16:45
	DAY TWO (29th March 2016), TUESDAY	Photonic Integrated Circuit	Dr. T Srinivas Prof. EEE IISc
Microwave Photonics		Dr. Yogesh ISRO ISAC	10:00-11:00
Tea/Coffee (11:00-11:20)			
Optofluidics (Integration of Photonics and Microfluidics); Live Demonstration of Designing and Building Handheld Microscope and Optofluidic Microscope		Dr. Sai Siva Gorth, Prof. IISc and Veerendra Kalyan Jaganath	11:20 – 12:10
Surface Plasmonic Resonance (SPR) based Bio-Sensor		Dr. Preeta Saran Prof. Oxford College of Engineering	12:10 – 13:00
Lunch Break (13:00-14:00)			
RSof Simulation tool; Hands On Session with running example		Dr. Preeta Sharan & Research Scholar	14:00 – 15:15
Tea/Coffee (15:10-15:30)			
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