

# GCWOC'16 – Program

	5 – Monday	6 – Tuesday	7 – Wednesday
9.00 – 9.30	Registration	Technical session – B	<b>Keynote</b> – Dr. Mohammed Slim Alouni
9.30 – 10.30	Conference opening		
10.30 – 11.00	Coffee break	Coffee break	Coffee break
11.00 – 12.30	<b>Keynote</b> – Dr. Rob Maunder	Technical session – C	Technical session – E
12.30 – 14.00	<b>Panel Discussion</b>		
14.00 – 15.00	Lunch	Lunch	Lunch
15.00 – 16.30	Technical session - A	Technical session – D	Technical session - F
16.30 – 18.00			Conference Closing
18.00 – 21:00	Guided city tour		
21.00 – 23.00		Gala dinner	

# Technical Sessions–5<sup>th</sup> Mon & 6<sup>th</sup> Tue

TS – A	TS – B	TS - C	TS – D
10 – <b>Shun Ping Chen</b> , <i>An Analytical Method for Investigating Near Field Characteristics of Planar Antenna Arrays</i>	11 – <b>Muhammad Mujtaba Shaikh</b> , <i>Joint Uplink/ Downlink Coverage and Spectral Efficiency in Heterogeneous Cellular Network</i>	37 – <b>Ali Qasim Arain</b> , <i>Privacy Preserving Dynamic Pseudonym-based Multiple Mix-Zones Authentication Protocol over Road Networks</i>	68 – <b>Abi Waqas</b> , <i>Performance Analysis of Advance Modulation Schemes for Free Space Optical Networks</i>
8 – <b>Muhammad Irfan Anis</b> , <i>Demonstration of Backward Compatible NG-PON2 with GPON Using Multiple Modulation Formats</i>	76– <b>Madad Ali Shah</b> <i>WSN Based Smart Control and Remote Field Monitoring of Pakistan’s Irrigation System Using SCADA Applications</i>	18 – <b>Azam Rafique Memon</b> , <i>Kinect as a Generalised interface for Games and PC Control</i>	59 – <b>Syed Mohammed Ali Shah</b> , <i>Self Sustain Free Space Optical System Transceiver Algorithm for Extreme Weather Conditions</i>
38 – <b>Ali Qasim Arain</b> , <i>Clustering based Energy Efficient and Communication Protocol for Multiple Mix-zones over Road Networks</i>	77 – <b>Rabia Enam</b> , <i>Connectivity and Coverage based Grid-Cluster size Calculation in Wireless Sensor Networks</i>	64 – <b>Abi Waqas</b> , <i>An Improved Model To Predict the Temperature dependence of Refractive Index of InP-based Compounds</i>	9 – <b>Bhagwan Das</b> , <i>Development of New All-Optical Signal Regeneration Technique</i>
65 – <b>NasrullahPirzada</b> , <i>WLAN Location Fingerprinting Technique for Device-free Indoor Localization System</i>	61 – <b>Rukaiya Javaid</b> , <i>Bandwidth Allocation for Wireless Cellular Network by Using Genetic Algorithm</i>	74 – <b>Ikram E Khuda</b> , <i>Numerical Modeling of Human Tissues and Scattering Parameters for Microwave Cancer Imaging Systems</i>	60 – <b>Saadullah Kalwar</b> , <i>Analysis of the Quality of Free Space Optical Signal in Fog A Case Study</i>

# Technical Sessions–7<sup>th</sup> Wed

TS – E	TS - F
2– <b>Adnan Waqar,</b> <i>KINECT controlled UGV</i>	62– <b>Kehkashan Kanwal,</b> <i>Towards Development of a Low Cost Early Fire Detection System using Wireless Sensor Network and Machine Vision</i>
3 – <b>Isabel Delgado Luque,</b> <i>A Framework to Evaluate Fairness in Fractional Frequency Reuse Based cellular Networks</i>	69– <b>M Tahir Qadri,</b> <i>A Review on 5G Wireless Cellular Network</i>
67 – <b>Fco. Javier López González,</b> <i>Performance evaluation of generalized M-modeled atmospheric optical communications links</i>	70– <b>M Tahir Qadri,</b> <i>Autonomous Air Hockey Robot</i>
1 – <b>Saadullah Kalwar,</b> <i>Analysis of Carrier Frequency Offset Suppression Techniques in SC-FDMA Communication System</i>	56 – <b>Seema Ansari</b> <i>Comparative Analysis of MAC Protocols and Strategies for Underwater Applications</i>