

**COST Action IC1101 OPTICWISE**

**9<sup>th</sup> MC/WG Meetings  
&  
4<sup>th</sup> International Workshop on  
Optical Wireless Communications (IWOW)  
&  
4<sup>th</sup> Training School**

**Istanbul, Turkey  
September 7-10, 2015**



## September 07, 2015

### 9th MC/WG Meetings & 4th IWOW

8:30 - 9:00	Registration
9:00 - 9:15	<b>Opening Note</b> Prof. Dr. Reha Civanlar, Ozyegin University Vice Rector
9:15 - 10:15	<b>Keynote Speech 1</b> Addressing Spectrum Scarcity through Optical Wireless Communications Prof. Dr. Mohamed-Slim Alouini, KAUST
10:15 - 10:45	Coffee Break
10:45 - 12:15	<b>IWOW Oral Session 1</b>
12:15 - 13:15	Lunch
13:15 - 14:45	<b>IWOW Oral Session 2</b>
14:45 - 15:15	Coffee Break
15:15 - 16:15	<b>IWOW Poster Session 1 &amp; Demo Session</b>
16:15 - 17:00	<b>MC/WG Meeting - Part 1</b> <ul style="list-style-type: none"><li>Opening remarks and discussion on agenda items for MC&amp;WG meetings</li></ul>

### 4th Training School

8:30 - 9:00	Registration
9:00 - 9:15	Opening Note
9:15 - 10:15	<b>Keynote Speech 1</b> (Joint event with Training School)
10:15 - 10:30	Break
10:30 - 12:00	<b>Crash Course on Optics 1</b> <b>Instructor:</b> Assoc Prof Dr. Ibrahim Ozdur
12:00 - 13:15	Lunch
13:15 - 15:00	<b>Advanced Topics in OWC 1</b> <i>Capacity of Optical Wireless Channels</i> <b>Instructor:</b> Prof. Dr. Slim Alouini and Dr. Anas Chaaban
15:00 - 15:15	Break
15:15 - 16:45	<b>Crash Course on Optics 2</b> <b>Instructor:</b> Assoc. Prof. Dr. Ibrahim Ozdur

September 08, 2015

**9th MC/WG Meetings & 4th IWOW**

9:00 - 10:00	<b>Keynote Speech 2</b> Title: TBD Prof. Dr. Alan Willner, University of Southern California
10:00 - 10:30	Coffee Break
10:30 - 12:00	<b>IWOW Oral Session 3</b>
12:00 - 13:15	Lunch & Group Photo Shoot
13:15 - 14:45	<b>IWOW Oral Session 4</b>
14:45 - 15:15	Coffee Break
15:15 - 16:15	<b>IWOW Poster Session 2</b>
16:15 - 16:45	<b>MC/WG Meeting - Part 2</b> <ul style="list-style-type: none"><li>• Discussion on future IWOW organizations</li></ul>

**4th Training School**

9:00 - 10:00	<b>Keynote Speech 2</b> (Joint event with Training School)
10:00 - 10:30	Break
10:30 - 12:00	<b>Crash Course on Optical Communication</b> <b>Instructor:</b> Assoc. Prof. Dr. Ibrahim Ozdur
12:00 - 13:15	Lunch & Group Photo Shoot
13:15 - 14:45	<b>Fundamentals of Free Space Optical Communication - 1</b> <b>Instructor:</b> Dr.S elami Sahin
14:45 - 15:15	Coffee Break
15:15 - 16:45	<b>Fundamentals of Free Space Optical Communication - 2</b> <b>Instructor:</b> Dr.S elami Sahin

**Social Event:** TBA

## September 09, 2015

### 9th MC/WG Meetings & 4th IWOW

09:00 – 10:30	<b>MC/WG Meeting – Part 3</b> <ul style="list-style-type: none"><li>• Report on Action Progress, M. Uysal</li><li>• Discussion on Final Report</li></ul>
10:30 - 11:00	Coffee break
11:00 - 13:00	<b>WG Meetings</b> <ul style="list-style-type: none"><li>• <b>Invited Talks</b> <i>Free-Space Optical Links for Airborne Communication Networks</i> Dr. Kai-Daniel Büchter, Bauhaus Luftfahrt e.V. VLC research at ULPGC: Applications for a Smart Tourism Destination Prof. Dr. Rafael Pérez Jiménez, Universidad de Las Palmas de Gran Canaria</li></ul>
13:00 - 14:00	Lunch
14:00 - 15:30	<b>WG1 &amp; WG2 Meetings</b> <ul style="list-style-type: none"><li>• WG1 Progress Report</li><li>• WG2 Progress Report</li><li>• Input Documents</li></ul>
15:30 – 16:00	Coffee Break
16:00 - 17:00	<b>MC/WG Meeting – Part 4</b> <ul style="list-style-type: none"><li>• Discussion on Final Report</li></ul>

### 4th Training School

9:00 - 10:30	<b>Fundamentals of Visible Light Communication - 1</b> <b>Instructor:</b> Dr. Hoa Le-Minh
10:30 - 11:00	Break
11:00 - 13:00	<b>Invited Talks</b> (Joint event with WG Meeting)
13:00 - 14:00	Lunch
14:00 - 15:30	<b>Fundamentals of Visible Light Communication - 2</b> <b>Instructor:</b> Dr. Hoa Le-Minh
15:30 - 16:00	Coffee Break
16:00 - 17:00	<b>Advanced Topics in OWC 2</b> Diversity Techniques for Free Space Optical Communications <b>Instructor:</b> Dr. Majid Safari

## September 10, 2015

### 9th MC/WG Meetings & 4th IWOW

09:00 - 10:30	<b>SIG Meetings</b> <ul style="list-style-type: none"><li>• SIG-VLC Report</li><li>• SIG-UW Report</li><li>• SIG-TESEO Report</li></ul>
10:30 - 11:00	Coffee break
11:00 - 13:00	<b>WG Meetings</b> <ul style="list-style-type: none"><li>• <b>Invited Talks</b> <i>Car-Centric View of Networking</i> Dr. Onur Altintas, Toyota InfoTechnology Center <i>Beyond Illumination with LEDs: Sensing, Communication and Control</i> Dr. Ashish Pandharipande, Philips Research</li></ul>
13:00 - 14:00	Lunch
14:00 - 15:30	<b>WG3 &amp; WG4 Meetings</b> <ul style="list-style-type: none"><li>• WG3 Progress Report</li><li>• WG4 Progress Report</li><li>• Input Documents</li></ul>
15:30 - 16:00	Coffee Break
16:00 - 16:30	<b>Closing</b>

### 4th Training School

9:00 - 10:30	<b>Advanced Topics in OWC 3</b> Measurement Techniques for Outdoor FSO Links <b>Instructors:</b> Prof Dr Stanislav Zvanovec and Dr. Paul Haigh
10:30 - 11:00	Break
11:00 - 13:00	<b>Invited Talks</b> (Joint event with WG Meeting)
13:00 - 14:00	Lunch
14:00 - 15:30	<b>Advanced Topics in OWC 4</b> Frequency Domain Equalization for VLC <b>Instructor:</b> Sher-Ali Cheema
15:30 - 16:00	Coffee Break
16:00 - 17:00	<b>Advanced Topics in OWC 5</b> DMT Modulation for High-Speed Optical Wireless Communication <b>Instructor:</b> Dr. Klaus-Dieter Langer