

**Programme Overview:**

**CIE Expert Workshop “A New Vision of Visibility for Roadway Lighting” May 24-25, 2018, Berlin, Germany**

Start	End	Name	Titel
<b>Thursday, May 24, 2018</b>			
		<b>Lighting Safety</b>	
09:00	09:45	<b>Wout van Bommel</b>	Hundred Year Road Lighting Research
09:45	10:15	<b>Gibbons, Dr. R.</b>	Impact of Lighting on Safety
10:15	10:45	<b>Joanne Wood</b>	Road safety at night: The visual challenges, lighting issues and improving visibility
10:45	11:00	<b>Break</b>	
11:00	11:30	<b>Steve Fotios</b>	Road Lighting for Pedestrians: Design Guidance Past, Present and Future
		<b>Economics</b>	
11:30	12:00	<b>J D Bullough, M S Rea</b>	Quantifying Economic Benefits And Costs Of Roadway Lighting Based On Safety-Related Visibility Characteristics
12:00	12:30	<b>Völker, Stephan</b>	Cost-benefit analysis of using visibility concepts
12:30	14:00	<b>Lunch</b>	
		<b>Visibility Models</b>	
14:00	14:20	<b>Völker, Stephan</b>	Generalization and Validation of Visibility concepts/ Is visibility a good counter of quality of light?
14:20	14:50	<b>Oanaygil, Sermin</b>	Determination of Road Lighting Automation Scenarios Based on Visibility Calculations
14:50	15:20	<b>M S Rea, J D Bullough, L C Radetsky</b>	Visual Performance Modeling And Roadway Safety At Night
15:20	15:50	<b>Bhagavathula, R., Gibbons, R.B.</b>	Distribution Analysis of Detection Distances: A New Approach to Analyze Nighttime Roadway Visibility
15:50	16:10	<b>Break</b>	
16:10	16:40	<b>Rossi Guiseppe</b>	A new Italian experimental standard compares the performance of road lighting installations using the Small Target Visibility concept
16:40	17:00	<b>Crescenzo Giuseppe, Villa Céline, Brémond Roland</b>	Roads Markings Visibility: Does It Depend On The Apparent Perimeter Or On The Apparent Surface?
22:00	23:00	Guided tour of the LED gangway and experiments about visibility	

<b>Friday, May 25, 2018</b>			
		<b>Influences on Visibility</b>	
09:00	09:20	<b>Wandachowicz, K</b> , Przybyla, M.	Road Lighting Measurements Theory Vs Practice
09:20	09:50	<b>Yukio Akashi</b> , Nie Dongxing	Roadway Lighting May Compensate Older Drivers' Reduced Dark Adaptation Speed And Improve Their Target Visibility
09:50	10:10	<b>Suddhasatwa Chakraborty</b>	An Eeg Based Approach For Identifying Processing Difference Of Light Spectrum In Road Lighting Towards Object Detection
10:10	10:30	<b>Vincent Boucher</b> , Florian Greffier	An imaging tool to measure glare dynamically
10:30	10:50	<b>Kazim Hilmi Or</b>	Effects Of Eye Diseases / Operations And Eyeglass Properties On Visibility On Roadway Lighting
10:50	11:05	<b>Break</b>	
		<b>New Models</b>	
11:05	11:25	<b>Bodrogi, P.</b> , Tran Quoc Khanh, X.G	A comparison of the CIE mesopic photometry with a new brightness model
11:25	11:55	<b>Maurice Donners</b>	Visibility - Visual performance beyond the eye of the beholder
11:55	12:25	<b>Brémond, Roland</b>	Visibility of targets: beyond Blackwell
12:25	13:55	Open Discussion with Lunch	
13:55	14:00	<b>Closing CIE Workshop</b>	