

Sunday, October 27th

13:00-14:30	CIE TC 5-27 meeting (Artificial Lighting and its Impact on the Natural Environment)
	(http://www.cie.co.at)
	Carl-Heinrich-Becker-Weg 6-10, Room #137 (FU Berlin)
	please register by emailing christopher.kyba@wew.fu-berlin.de

15:00-17:00	Registration
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16:00 - 00:00	Excursion Westhavelland, Brandenburg
	Registration necessary
16:00	Departure from SeminarisCampus Hotel, Berlin Meeting point at Seminaris (Takustr. 39, 14195 Berlin) in front of the main entrance
	Visit of the Information Centre of the Nature Park and Reserve Westhavelland
	Dinner in Milow
	Meeting in the village Gülpe Welcome by Mr. Aasmann (Director of the municipal administration Rhinow) Night walk to Gülper See <i>Experience the unique sound of an international meeting point for migrating birds</i> Stargazing and Night Sky Watching with Andreas Hänel (astronomer and Dark Sky Germany) and Harald Bardenhagen (amateur astronomer) <i>Experience the firmament at one of the darkest spots in Europe</i> Flashmob for Science - Group measurement of Westhavelland sky brightness using the Loss of the Night (Android) or Dark Sky Meter (iOS) apps.
00:00	Arrival at SeminarisCampus Hotel, Berlin

Monday, October 28th

8:30 – 17:00 Registration				
9:30 – 11:00 – “Cambridge”		Plenary Session I		Chair: Franz Hölker
09:30	Welcome to Berlin, Senatsverwaltung Berlin - Jutta Koch-Unterseher			
09:40	Welcome, German Federal Ministry of Education and Research (BMBF) - Fabian Kohler			
09:50	Introduction to the conference - Gunnar Nützmann, IGB			
10:00	The toxicity of light at night and its human health consequences - Abraham Haim			
10:30	Light pollution as a hidden driver of biodiversity loss - are we missing a trick? - Emma Stone			
11:00	Coffee Break			
11:30 – 12:30 – “Cambridge”		Plenary Session II		Chair: Dietrich Henckel
11:30	Pleiades and prairie chickens: dark sky preservation in the central United States - Terrel Gallaway			
12:00	Examples of urban lighting design - Volker von Kardorff			
12:30	Lunch			
13:40 – 15:00	Parallel Session I Chronobiology Chair: Annette Krop-Benesch	Parallel Session I Ecology I Chair: Michael Monaghan	Parallel Session I Society I Chair: Katharina Krause	
Room	“Sorbonne”	“Cambridge”	“Oxford”	
13:40	Van Poll, Breugelmans, Devilee Light at night: extend of annoyance and sleep disturbance in the Netherlands	Poulin et al. The impact of light pollution on <i>Microcystis aeruginosa</i>	Marchant The Effects of Changes in Street Lighting	
14:00	Brüning, Franke, Hölker, Kloas, Preuer Perches in spotlight – does light pollution impair fish’s biological rhythm?	Mahili, Leader Eco-lighting Show Caves: Using LED light technology to overcome conflict between environmental and visitor requirements	Hänsch, Besecke, Schneider From HME to LED: New Lighting Layouts and Residents’ Perception of Artificial Light	
14:20	Karatsoreos Circadian disruption as a modulator of resilience to stressors	Lewanzik, Voigt Artificial light at night deters frugivorous bats from dispersing seeds	Henckel Lightscapes, Nightscapes and Dayscapes	
14:40	Le Tallec, Perret, Théry Light pollution at night modifies the expression of biological rhythms and behaviours in a nocturnal primate	Marco et al. Artificial light intensity affects hatchling behaviour and ghost crab predation risk in nesting beaches	Parks Future of lighting	
15:00	Coffee Break			

Monday, October 28th, continued

15:30 – 16:40	Parallel Session II Dark Sky Parks I Chair: Josiane Meier	Parallel Session II Ecology II Chair: Anat Barnea	Parallel Session II Society II Chair: Martin Morgan-Taylor
Room	“Sorbonne”	“Cambridge”	“Oxford”
15:30	Hänel Identification and qualification of Dark Sky Parks	Da Silva, Samplonius, Schlicht, Kempenaers Effects of artificial night lighting on the timing of dawn and dusk singing in common songbirds	Reculin Lighting the Kingdom of France: the Introduction of Street-lighting in 1697
15:50	Sampaio Light Urban Design Tactics – A Sense of Darkness – A Qualitative Approach to Outdoor Urban Public Space – OUPS! – Lighting Design -	Dominoni, Helm, Lehmann, Dowse, Partecke Clocks for the city: circadian differences between forest and city songbirds and the influence of light at night	Mitchell People, Places, or Things? Determinants of Light Pollution in the Western United States
16:10	Duriscoe Approaches for Establishing Dark Sky Reserves	Van Grunsven, Spoelstra, Visser, Berendse, Veenendaal Experimental illumination of the forest – a long-term ecosystem wide study on the effect of artificial light	Sankaram Toward a Nighttime Language of Light
16:20	Moore, Duriscoe The Sky Quality Index	Spoelstra et al. Behaviour of mammals in experimentally illuminated natural habitat – shy away or take advantage?	Krop-Benesch, Neumann, Hölker Verlust der Nacht – a public relation campaign against light pollution
17:00	Poster Session / Icebreaker hosted by the International Dark Sky Association		
19:30 – 19:45	Flashmob for Science - Group measurement of sky brightness using the Loss of the Night (Android) or Dark Sky Meter (iOS) apps. Location will be near the city center, about 30 minutes by public transit from the conference center. Event will only take place in the case of good weather (clear skies).		

Tuesday, October 29th

8:30 – 17:00 Registration				
9:00 – 10:20 – “Cambridge”		Plenary Session III		Chair: Stephan Völker
9:00	Street lighting systems: state-of-art and future trends - Georges Zissis			
9:30	The value of less light - Sustainable architectural lighting design - Karolina Zielinska-Dabkowska			
10:00	Regulation of light pollution in France - Lory Waks			
10:20	Coffee Break			
11:00 – 12:30 – “Cambridge”		Plenary Session IV		Chair: Barbara Griefahn
11:00	Improving sleep with natural light and circadian darkness - Thomas Kantermann			
11:30	Electric light at night can compromise human health - Richard Stevens			
12:00	Artificial light and stream ecosystems: what we know and where we’re headed - Elizabeth Perkin			
12:30	Lunch			
13:40 – 15:20	Parallel Session III Measurements & Models I Chair: Constance Walker	Parallel Session III Ecology III Chair: Michael Monaghan	Parallel Session III Regulations Chair: Timothy Moss	
Room	“Sorbonne”	“Cambridge”	“Oxford”	
13:40	Aubé Using a 3D heterogeneous radiative transfer model to Assess the origin of the local hemispheric spectral sky artificial radiances from different parts of a territory	Pérez-García, Martín, Ferrer Influence of natural and artificial nocturnal lighting on flying insects in the Strait of Gibraltar	Morgan-Taylor The Legal Regulation of Light Pollution	
14:00	Lolkema, van Wijnen, Mulder Artificial Light at Night in public portal ‘AtlasLeefomgeving’	Donners, van Grunsven, Veenendaal Insect attraction by modern artificial lighting	Parks Ecologically Responsible Outdoor Lighting Guidelines	
14:20	Galadí-Enriquez, Ranea, Aceituno, Cañavate Protection of the night sky in Andalusia: measurement, communication, outreach and law	De Jong et.al. Artificial light at night affecting avian behaviour	Youyuenyong A comparative study of the light pollution control laws of the US and the UK	
14:40	Conticello, Castiglione, Esposito, Sabbatini, Dettmann NightPod: night-time imaging from within the International Space Station	Bennie, Davies, Gaston Effects of artificial light on ecosystems at the population and community level	Meier, Krause, Hasenöhl Responding to Light Pollution: Protecting the Dark and Shaping the Light	
15:00	de Miguel, Zamorano, Gómez Castaño, Pascual European street lighting power consumption estimation using DMSP/OLS images	Blew Green energy – green light? Night-time obstruction lighting for offshore wind farms and birds. Which compromises are possible?	Pottharst, Könecke It’s all about Money?! Costs and Benefits of Artificial Outdoor Lighting	
15:20	Coffee Break			

Tuesday, October 29th, continued

15:50 – 17:10	Parallel Session IV Measurements & Models II Chair: Dorien Lolkema	Parallel Session IV Health Chair: Thomas Kantermann	Parallel Session IV Technology & Design Chair: Karolina Zielinska-Dabkowska
Room	“Sorbonne”	“Cambridge”	“Oxford”
15:50	Hale, Sadler A comparison of city lightscapes using nighttime aerial photography	Griefahn Urban light intensities – effects on the synthesis of melatonin and of cortisol	Van Ratingen Outdoor lighting, but please timely
16:10	Kyba, Krop-Benesch, Hölker Verlust der Nacht: A Smartphone App Facilitating Citizen Science	Rea, Figueiro Toward consensus-based threshold exposure levels for light at night	Vitta et al. Extra low colour temperature solid-state sources for artificial night lighting
16:30	Schmidt (pres. S. Kardel, IDA) Crowd sourced light pollution monitoring with the Dark Sky Meter app	Gabriel, Kuechly, Falchi, Wosniok, Hölker Dark Sky Areas and Climatic Health Resorts in Germany – how does it match?	Paisidis, Kambezidis, Bravos, Papanikolaou Contrast Orientated Lighting Design & Darkness Minded Concepts
16:50	Rea, Bullogh, Brons A quantitative foundation for easily and significantly reducing light pollution	Varró Artificial Light at Night, Health, Hungary, 2013	Clanton
18:45-19:00	Flashmob for Science - Group measurement of sky brightness using the Loss of the Night (Android) or Dark Sky Meter (iOS) apps. Location will be across the street from the conference dinner site. Event will only take place in the case of good weather (clear skies).		
19:00	Conference Dinner		

Wednesday, October 30th

8:30 – 17:00 Registration				
9:00 – 10:30 – “Cambridge”		Plenary Session V		Chair: Axel Schwoppe
9:00	Measurement of human exposure to LAN - Mariana Figueiro			
9:30	Advances in nighttime lights satellite imagery - Kimberly Baugh			
10:00	The urgent need for transdisciplinary research on light pollution – from “Verlust der Nacht” to “LoNNe” - Franz Hölker			
10:20	Address by the organizers			
10:30	Coffee Break			
11:00 – 12:00	Parallel Session V Measurements & Models III Chair: Christopher Kyba	Parallel Session V Ecology IV Chair: Reinhard Klenke	Parallel Session V Dark Sky Parks II Chair: Andreas Hänel	
Room	“Sorbonne”	“Cambridge”	“Oxford”	
11:00	Posch, Puschnig One full year of night sky brightness measurements: a rural mountaintop and city skies in comparison	Van Geffen et al. Only sex with the lights off? Artificial light effects on moth reproduction	Smith Quality Night Recreation and Outdoor Lighting in U.S. National Parks: Indicators, Standards, and Related Visitor Perceptions	
11:20	Walker Measuring and Characterizing Nighttime Sky Brightness in and around Tucson and on Surrounding Observatory Mountaintops	Degen, Hovestadt, Oehlert, Mattig, Hölker Street lights generate a fragmented landscape with high costs for short distance dispersal	Roby, Aubé Impact of Light Pollution on the First International Dark Sky Reserve, MMO, Quebec, Canada	
11:40	So, Leung, Pun Monitoring the Night Sky Brightness in Hong Kong	Pendoley Monitoring hatchling orientation and light pollution	Benitez-Garcia, Guevara Protecting dark skies in Colombia	
12:00	Den Outer Clouds and night sky brightness	Nordt, Klenke Sleepless in the city - artificial night light and traffic noise impact European Blackbirds	Wuchterl Starlight and World Heritage- The IAU/UNESCO initiative, the "outstanding universal value" of starlight and tools to quantify and manage the "perfect skies" for parks	
12:30	Lunch			
Room	“Cambridge”			
13:30	LoNNe/ALAN Stakeholder Workshop			
15:00	Coffee Break			
15:30	LoNNe/ALAN Stakeholder Workshop			
17:00	End of Conference			
18:00	ESR (COST Early Stage Researcher) Meeting			