

Lightcap Final Symposium *The invisible workings of light*

Ketelhuis - Doctor Poetlaan 45 Eindhoven

<https://www.ketelhuis-eindhoven.nl/>

Start	Main Room
09:00	Welcome with coffee and tea
09:30	Opening & Introduction (plenary) Yvonne de Kort <i>Eindhoven University of Technology</i>
10:00	Enlighten us (plenary talks - high level) Moderator: Christian Cajochen Gilles Vandewalle <i>University of Liège</i> <i>Neuroimaging the impact of light on cognitive brain function</i> Steve Fotios <i>University of Sheffield</i> <i>Why bother?</i>
11:00	Coffee
11:30	Enlighten us (plenary talks - high level) Moderator: Mariëlle Aarts Martine Knoop <i>Technical University of Berlin</i> <i>Not just uniform and diffuse – does directionality of light matter for NIF effects?</i> Antal Haans <i>Eindhoven University of Technology</i> <i>Why we fail in establishing minimum lighting levels for pedestrians</i>
12:30	Lightning session - pitches to announce highlights
12:45	Daylight Delight (Lunch & Walk)
14:00	Highlights (parallel sessions - downstairs) Moderator: Elif Roya Sharifpour <i>University of Liège</i> <i>The Influence of Blue Light on Cortical Excitability in Adolescents: TMS-EEG Findings</i> Ashwathi Prithviraj <i>University of Manchester</i> <i>Therapeutic potential of bright daytime light exposure in Alzheimer's disease models</i> Highlights (parallel - gantry) Moderator: Steffen Nikodem Derengowski <i>Technical University of Berlin</i> <i>Directionality of light as a moderating factor on NIF-effects</i> Fatemeh Fazlali – <i>University of Basel</i> <i>Sex and seasonal differences in light-induced melatonin suppression</i>
14:45	Partners in Light (Panel discussion, plenary) <i>Lighting Industry: challenges and how research can help</i> John de Joode <i>NSVV</i> Jens Christoffersen <i>Velux</i> Adrie de Vries <i>Signify & CIE</i> Juliëtte van Duijnhoven <i>TU/e</i> Panel leader: Steve Fotios <i>University of Sheffield</i>
15:30	Coffee
15:45	Enlighten us Yvonne de Kort <i>Eindhoven University of Technology</i> <i>Could there be more to light than lux and mEDI? Light, mood and mental health</i>
16:15	Highlights (parallel sessions - downstairs) Moderator: Vaida Rafael Robert Lazar <i>University of Basel</i> <i>How long ago is history? Effects of prior light exposure on evening melatonin</i> Aysheh Alshdaifat <i>University of Sheffield</i> <i>Illuminating the Path: Rethinking Optimal Road Lighting for Pedestrian Safety</i> Highlights (parallel sessions - gantry) Moderator: Ash Fermin Balda <i>University of Liège</i> <i>Impact of Light Illuminance on LC Activity during a Cognitive Task</i> Elif Naz Gecer <i>Eindhoven University of Technology</i> <i>Using Metameric Light to Remove Subjective Bias from Lighting studies</i>
17:00	Market square (Outdoors if possible) - including drinks & bites
18:30	End of day

Lightcap Final Symposium *The invisible workings of light*

Ketelhuis - Doctor Poetlaan 45 Eindhoven

<https://www.ketelhuis-eindhoven.nl/>

Start	Main Room
09:00	Welcome with coffee and tea
09:30	Young researchers / designers meeting <i>Young researchers / designers only</i> Informal Q&A "The life of young researchers and designers"
10:30	Coffee
10:45	Enlighten us (plenary talks - high level) <i>Moderator: Antal Haans</i> Christian Cajochen <i>University of Basel</i> <i>Circannual rhythms: how seasonal are we?</i> Karin Smolders <i>Eindhoven University of Technology</i> <i>From lab to field: Quantifying light-induced moderations in alertness and fatigue</i>
11:45	Lightning session - pitches by young talent
12:00	Posters & Light café tour & demos
12:45	Daylight Delight (Lunch & Walk)
14:00	Highlights (parallel sessions - downstairs) <i>Moderator: Rafael</i> Vaida Verhoef <i>Eindhoven University of Technology</i> <i>What does it mean to be sleepy ?</i> Steffen Hartmeyer <i>Ecole Polytechnique Fédérale de Lausanne</i> <i>How light-dosimetry can reveal your spectral diet</i> Highlights (parallel sessions - gantry) <i>Moderator: Niko</i> Richard Jedon <i>Eindhoven University of Technology</i> <i>Pedestrians' alertness, arousal and anxiety in uniform and non-uniform lighting</i> Myrta Gkaintatzi-Masouti <i>Eindhoven University of Technology</i> <i>The Effect of Dynamic Viewing Behavior on Eye-Level Light Conditions</i>
14:45	Enlighten us (plenary talks - high level) <i>Moderator: Martine Knoop</i> Marilyne Andersen <i>Ecole Polytechnique Fédérale de Lausanne</i> <i>Light exposure as a key element in our urban lifestyles</i> Mariëlle Aarts <i>Eindhoven University of Technology</i> <i>Who cares? The contribution of light in keeping our care system healthy</i>
15:45	Coffee
16:00	Guest lecture Lars Courage <i>COURAGE Architecten</i>
16:30	Designing for light (Panel discussion, plenary) <i>Magic of light: How research design and architecture can inspire each other</i> Lars Courage <i>COURAGE Architecten</i> Philip Ross <i>Studio Philip Ross</i> Gilles Vandewalle <i>University of Liège</i> Panel leader: Marilyne Andersen <i>Ecole Polytechnique Fédérale de Lausanne</i>
17:15	Energizer incl drinks
17:45	Future outlook - Yvonne de Kort <i>Eindhoven University of Technology</i>
18:00	Daylight award (plenary)
18:15	Awards - live from Denmark
19:30	Networking dinner
21:00	End of day



The LightCap ITN project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No. 860613