

9th International Artificial Light at Night Conference

28-31 October 2025

WESTPORT WOODS HOTEL, WESTPORT, MAYO

DAY ONE

TUESDAY 28TH OCTOBER

08:00 14:00

Registration Open

09:00 10:00

Morning Plenary Session in Mulberry Suite
Official Opening Remarks: Minister Dara Calleary
Guest Speaker: Hector Linares

| VENUE | MULBERRY SUITE (LOWER GROUND) | ANNEX ROOM |
|-------------|--|--|
| 10:10 11:25 | THEME: Ground based measurement networks Dario Barghini: All-Sky Measurements of the Night Sky Brightness by the Italian PRISMA Fireball Network Reynier Peletier: Monitoring the Night Sky using Fish-eye Lenses- The KID-Darker Sky Monitoring Network Matthieu Renaud: Deploying dense ALAN monitoring networks for territorial actions: the cases of Réunion Island and La Brière region, France DISCUSSION | THEME: Light Preferences Andreas Hänel: Comparison of lighting habits in some larger cities Ellen Cierad: Understanding public preferences for light and darkness in Aotearoa New Zealand Océane Marcone: Understanding urban beaches users' preferences for light mitigation measures in Chile DISCUSSION |
| 11:25 11:55 | TEA and COFFEE, EXHIBITORS, POSTERS | |
| 11:55 13:10 | THEME: "Novel" Measurement Devices (Mulberry Suite) Iván Kopaitic: Light Pollution Source Detection - Validation of Airborne Methods for Quantification and Identification of Light Pollution Sources Constantinos Bouroussis: Measuring ALAN in the 3D space using the Dronegoniophotometer Grace Bramer: A portable spectral measurement device for Skyglow DISCUSSION | THEME: Safety and Lighting (Annex Room) Paul Marchant: Does more light make us safer? Emma Bousquet Borrut: Assessing the impact of public lighting extinction on road safety using satellite observation Minu Agarwal: Impact of non-uniform lighting on gaze behavior and pupil size: A gender specific study of pedestrians at night-time DISCUSSION |
| 13:10 14:10 | LUNCH BREAK - LAKEVIEW ROOM & BAR | |
| 14:10 15:25 | THEME: Modelling I (Mulberry Suite) Martin Aube: Illumina v3: Modeling sky brightness up to the third order of scattering Rolf Buhler: Modelling light pollution reduction in France with Otus 3.0 Aurélien Mure: Optimization of public lighting using multi-sensor satellite observation and ground data DISCUSSION | THEME: Technology & Design (Annex Room) Andreas Jechow: Technical design of an insect friendly road light - from theory to practice Chiara Carucci: Lighting for Coexistence: A Collaborative Approach to Protecting Wildlife Annette Krop-Benesch: Envirolight - Self-responsible sustainability in Lighting Design DISCUSSION |
| 15:25 15:55 | TEA and COFFEE, EXHIBITORS, POSTERS | |
| 15:55 17:10 | THEME: Biology & Ecology (Mulberry Suite) Magdalena Czarnecka: Impact of light spectrum on biota: a meta-analysis Ruben Evens: Guided by skyglow: The Subtle Appeal of Artificial Skies Anat Barnea: Life-long ALAN exposure affects avian brain plasticity in sex- and region-dependent patterns DISCUSSION | THEME: SciComm (Annex Room) Lauren Wisbrock: Following Their Curiosity: Empowering Teens to Lead Light Pollution Research Waleska Valle: CIELO: Chicago's Initiative for Environmental Justice and Light Pollution Outreach Nona Schulte-Römer: Sensory governance: Regaining awareness for invisible lighting infrastructure DISCUSSION |
| 18:00 | WELCOME RECEPTION - WESTPORT WOODS HOTEL BAR AREA | |

000000The organisers reserve the right to change the programme.

9th International Artificial Light at Night Conference

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WESTPORT WOODS HOTEL, WESTPORT, MAYO

DAY THREE

THURSDAY 30TH OCTOBER

08:00 14:00

Registration Open - Mulberry Suite

09:00 10:30

Morning Plenary Session in Mulberry Suite

Guest Speaker: Robert Lucas

Guest Speaker: Nick Dunn

Guest Speaker: Yana Yakushina

10:30 11:00

TEA and COFFEE, NETWORKING, POSTER

VENUE

MULBERRY SUITE (LOWER GROUND)

ANNEX ROOM

11:00 12:40

THEME: Biology & Ecology

THEME: Regulation / Legislation

David Smith: The Impacts of light pollution on invertebrates; a comprehensive review informing advocacy and social change

Daniela González Espinoza: Challenges in Implementing a National Light Pollution Regulation in Chile

Mona Storms: Female moths call in vain: Streetlights diminish the promise of mating

Gabriela López Contreras: Is Chile turning off its stars? The national challenges of artificial light for astronomy

Gabriel Charvalakis: Spatiotemporal dynamics of insect phototaxis under artificial light at night

Salvador J. Ribas: The importance of Night Sky Quality Certifications, a controversy is served.

Carmen Ludreschl : BALIN - Insect conservation at railway stations through more insect-friendly lighting

Stijn Vanderheiden: The Astronomical Darkness Necessity Map - a Tool for Lighting Projects

DISCUSSION

DISCUSSION

12:40 13:40

LUNCH BREAK - LAKEVIEW ROOM & BAR

13:40 15:00

THEME: Biology & Ecology (Mulberry Suite)

THEME: Regulation / Legislation (Annex Room)

Sander Buddendorf: Dimming streetlights reduces insects' attraction but leaves bats in the dark

Swati Mawandiya: Regulation of Light Pollution in Indian Environmental Law: A Comparative Study

Hannah Broeckx: Light Pollution Alters Arthropod Behaviours

David Kretzer: The updated lighting standard EN 12464-2: Adaptations concerning light pollution

Vincent Grognez: Artificial Light at Night (ALAN) advances reproductive phenology and disrupt circadian rhythm of wild flowers

Benedikt Huggins: Shifting the Focus: Effective Legislative Strategies for Reducing Light Pollution

DISCUSSION

DISCUSSION

15:00 15:30

TEA and COFFEE, EXHIBITORS, POSTERS

15:30 17:10

THEME: Modelling II (Mulberry Suite)

THEME: Health (Annex Room)

Brian Espey: Fine Scale Satellite Measurements of Time-Variable ALAN

Michael Zeman: ALAN increases the cardio-metabolic risk in spontaneously hypertensive rats and after high fructose intake

Christopher Kyba: Towards a European nighttime light observing satellite

Monika Okuliarova: Light at night interferes with energy balance during acute inflammatory response

Alejandro Sánchez de Miguel: European Union Atlas of the Real Artificial Light at Night (RALAN) with SDGSAT-1 Spectral classification and cloud detection

Antonello Durante: Current understanding of blue light impact on human health and biodiversity

Ken Walczak: In a Personal Light: Investigating the Distribution of Residential Lighting Using Demographic and Environmental Variables

Anna Crowley: Evaluating the efficacy of wearable light loggers for monitoring the effects of blue light exposure on human health in Ireland

DISCUSSION

DISCUSSION