

PROGRAMME

Friday, May 29

10h00-13h00	Registration Opens
Introduction session Chair: <i>Johanne Roby</i>	
13h00-13h15	Welcome Johanne Roby / Coordinator, ALAN 2015 Mr. Jean Lussier , eng. / Facilities Manager, Cégep de Sherbrooke
13h15-13h55	Keynote speaker: Mr. Clifford Paul , Society Moose Management Coordinator for the Unama'ki Institute of Natural Resources, NS, Canada. Mi'kmaq traditional knowledge including night sky stories <i>Title : Connectivity of Spirit</i>
13h55-14h35	Invited talk: Mr. Pierre Goulet and Mr. Sébastien Guigère , Society First International Dark Sky Reserve, Mount-Mégantic, Quebec, Canada <i>Title : Fighting short wavelengths at night: deployment of low-blue led lighting in the Mont-Mégantic International Dark Sky Reserve</i>
14h35-15h05	Invited talk: Mr. Scott Feierabend Executive Director, International Dark-Sky Association, leader in night sky preservation <i>Title : Together ... We Can Change The World</i>
15h05-15h35	Coffee Break and Exhibition Stand visit
Plenary Session I Chair: <i>Naomi Miller</i>	
15h35-16h05	Invited talk: Dr. Kristan Aronson, Health Public Health Sciences; Cancer Care and Epidemiology, Cancer Research Institute, Queen's University, Kingston ON, Canada <i>Title : Human health effects of exposure to light at night, with emphasis on biomarkers and breast cancer</i>
16h05-16h25	Motta, Mario, Health Tufts Medical School, Boston, MA, USA; Council of Science and Public Health, AMA <i>Title : Glare and Human Eye Physiology</i>
16h25-16h45	Seitinger, Suzanne, Health Philips Lighting, Burlington, MA, USA <i>Title : Exploring metrics for ambient polychromatic light in interior settings for circadian support</i>
16h45-17h05	Dechesne, Roland G., Health Royal Astronomical Society of Canada - Calgary Centre <i>Title : ALAN and Schistosomiasis; A Potential Link</i>

~17h30	Departure for Mont-Mégantic Dark Sky Reserve	
~00h00	Return from Mont-Mégantic	
Saturday, May 30		
Plenary Session II Chair: <i>Christopher Kyba</i>		
9h00-9h30	Invited talk: Dr. Travis Longcore, Biology & Ecology Spatial Sciences Institute, University of Southern California, USA <i>Title : Light Pollution as Global Change</i>	
9h30-10h00	Invited talk: Dr. Andreas Hänel, M&M Planetarium Osnabrück, Museum am Schölerberg, Klaus-Strick-Weg 10, Osnabrück <i>Title : Quantifying sky quality Measurement methods for sky brightness</i>	
10h00-10h30	Elevator Pitch for poster and sponsors stands	
10h30-11h00	Coffee Break- marché de la Gare	
	Parallel Session I: M&M Chair: <i>Martin Aubé</i>	Parallel Session I: Technology & Design Chair : <i>Suzanne Seitinger</i>
11h00-11h20	Kyba, Christopher Deutsches GeoForschungsZentrum GFZ, Postdam and Leibniz-Institut für Gewässerökologie und Binnenfischerei, Berlin, Germany. <i>Title : Evaluating the systematic uncertainty of the Loss of the Night app</i>	Dechesne, Roland.G. Royal Astronomical Society of Canada - Calgary Centre. <i>Title : Light Pollution from Greenhouses – a Global Problem with Some Possible Mitigation Strategies</i>
11h20-11h40	Duriscoe, Dan Night Skies Program, US National Park Service, Bishop, California, USA <i>Title: A database of night sky brightness photometry for U. S. National Parks</i>	Schulte-Römer, Nona WZB – Berlin Social Science Center <i>Title: LED lighting in Berlin and Lyon: How publics shape innovation</i>
11h40-12h00	Walker Constance E. National Optical Astronomy Observatory, Tucson, AZ, USA <i>Title: Intercomparing Methods of Night Sky Brightness Measurements</i>	Morin-Paulhus, Antoine Light Pollution Group, Cégep de Sherbrooke, Canada <i>Title: Spectral Indices based on biological processes sensitivity to handle lighting applications</i>
12h00-12h20	Moore Chadwick Night Skies Program Manager, US National Park Service, Fort Collins, Colorado, USA.	Baddiley, Chris British Astronomical Association Campaign for Dark Skies.

	Title : <i>Towards a More Comprehensive Bortle Classification System</i>	Title: <i>Light pollution modelling for the UK Highways Agency new environmental impact policy, and for a sea based wind farm project</i>
12h20-13h45	Lunch - Datoni Restaurant	
	Parallel Session II: Biology & Ecology Chair: <i>Olivier Domingue</i>	Parallel Session II: Society Chair: <i>Alejandro Sánchez de Miguel</i>
13h45-14h05	Newman, Rhian C. Organisms and Environment, School of Biosciences, Cardiff University, UK Title : <i>Artificial Light at Night in Freshwater Ecosystems</i>	Adams, Mary Stewart The Headlands International Dark Sky Park, Mackinaw City, Emmet County, Michigan. USA Title: <i>Once upon a time~Thinking Beyond the Telescope and Technology to Understand the Role of Natural Darkness in Developing Community</i>
14h05-14h25	Da Silva, Arnaud Max Planck Institute for Ornithology, Department Behavioural Ecology & Evolutionary Genetics, Seewiesen, Germany. Title : <i>Singing from North to South: Latitudinal Variation of the Effects of ALAN on Timing of Dawn Song</i>	Morgan-Taylor, Martin Principal Lecturer in Law, de Montfort University, Leicester, UK. Title : <i>Global Approaches to the Regulation of Light Pollution</i>
14h25-14h45	Azam, Clémentine Natural History Museum of Paris, Paris Title : <i>The use of a French citizen database to analyze the effect of Artificial Light At Night on bats communities at different landscape scales.</i>	Chapman, Mike Sydney Outdoor Lighting Improvement Society (SOLIS). Title: <i>The future of lighting is better if it's dim. How the new technologies of lighting can be used for required and sufficient levels of illumination</i>
14h45-15h05	Pendoley, Kellie Pendoley Environmental Pty Ltd, Perth Western Australia Title : <i>The Good, the Bad and the Ugly; Instrumental Light Measurement Techniques for Biological Studies</i>	Ribas, Salvador J. Parc Astronòmic Montsec, Consell Comarcal de la Noguera, Balaguer, Spain Title: <i>First estimation of social and economic impacts of dark skies in Montsec</i>
15h05-15h25	Shotbolt, Tim Lighting Consultant, Australia Title : <i>Koalas, Kookaburras, Marine Turtles, Iron Ore, Bauxite, Electricity, Trade, Travel, Prosperity, Growth, Legislation, International Agreements and Stars at Night in Australia</i>	Pecingina, Mihai International Dark-Sky Association, Quebec chapter, Canada Title: <i>The control of the effects of the artificial light at night - doing its part</i>
15h25-15h55	Coffee Break - marché de la Gare	

Plenary Session III Chair : <i>Travis Longcore</i>	
15h55-16h15	Kardel, W. Scott, Biology & Ecology International Dark-Sky Association, Tucson, Arizona USA. <i>Title : Findings, Challenges, and Solutions: Restoring the Night Sky Gulf Coast Sea Turtle Restoration Project</i>
16h15-16h35	Dick, Robert, Biology & Ecology The Royal Astronomical Society of Canada, and the Canadian Scotobiology Group. Canada <i>Title : Aiming High to Raise Awareness of ALAN in Protected Areas</i>
16h35-16h55	S. Mažeika, P. Sullivan , Biology & Ecology The Ohio State University, School of Environment and Natural Resources, USA <i>Title: Community and ecosystem responses to artificial night lighting across aquatic-terrestrial boundaries</i>
17h15-18h45	Poster Session and cocktail hour and exhibition stand
19h30-23h00	Conference Dinner- OMG Restaurant (1175 King Ouest, Sherbrooke)
Sunday, May 31	
Plenary Session IV Chair: <i>Nancy Clanton</i>	
9h00-9h30	Invited talk: Dr. Will Straw, Society Director, McGill Institute for the Study of Canada, McGill University, Qc, Canada <i>Title : Film noir after black-and-white</i>
9h30-10h00	Invited talk: Ms. Naomi Miller, Technology & Design Designer/Senior Scientist, Pacific Northwest National Laboratory, Richland, WA, USA <i>Title : Pedestrian-Friendly Nighttime Lighting</i>
10h00-10h20	Barentine, John, Society International Dark-Sky Association, Tucson, AZ, USA <i>Title : The Rewards and Challenges of protecting International Dark Sky Places</i>
10h20-10h50	Coffee Break - marché de la Gare
Plenary Session V Chair : <i>Andrea Hänel</i>	
10h50-11h10	Clanton, Nancy, Technology & Design Clanton & Associates, Inc. Boulder, Colorado, USA. <i>Title : Assessing than Mitigating (Skyglow Measurements to Lighting Ordinances)</i>
11h10-11h30	Freyssinier, Jean Paul, Technology & Design Lighting Research Center, Rensselaer Polytechnic Institute, Troy, NY.

	<i>Title : Using Uniformity to Optimize Parking Lot Lighting</i>
11h30-11h50	Welch, David, Society Chair, Dark Skies Advisory Group, Urban Conservation Group, World Commission on Protected Areas, International Union for Conservation of Nature (IUCN) <i>Title: Protected places and the night sky, a match made in heaven</i>
11h50-12h10	Sánchez de Miguel, Alejandro, Society Dep. Astrofísica y CC. De la Atmósfera, Universidad Complutense de Madrid, Spain Light Pollution Group, Cégep de Sherbrooke, Canada <i>Title: Cities at night: a citizen science program to make a color map of the world.</i>
12h10-13h30	Lunch - Datoni Restaurant
Plenary Session VI Chair: Dr Constance Walker	
13h30-13h50	Meier, Josiane; Henckel, Dietrich, Society Technische Universität Berlin, Department of Urban and Regional Planning, Chair of Urban and Regional Economics, Berlin, Germany <i>Title: Lighting Conflicts: High Noon Ahead?</i>
13h50-14h10	Dannemann, Etta, Technology & Design Studio Dinnebier, Berlin, Philips Color Kinetics <i>Title: From concept to product – who decides on fixtures?</i>
14h10-14h30	Rodriguez, Christophe, Technology & Design Faculté de Génie, Université de Sherbrooke, Canada <i>Title : Improvement of LED performance by Increasing Light Extraction Efficiency: An example of how to stimulate college students to research in engineering through advanced micro-nano-fabrication improvements</i>
	Mohar, Andrej, Society Dark-Sky Slovenia, Slovenia <i>Title : Achievements and consequences of light pollution legislation in Slovenia</i>
14h30-15h00	Johanne Roby, Martin Aubé and Christopher Kyba Open discussion, announcement for ALAN 2016, closing remarks

Poster

Netzel, Henryka

Institute of Astronomy, University of Wroclaw, Poland

Title: Modelling of light pollution over Poland using Berry's model with high resolution data

Walker, Constance E.

National Optical Astronomy Observatory, Tucson, AZ

Title: Characterizing Night Sky Brightness In and Around Tucson and Nearby Observatory Mountaintops

Buchanan, Bryan

Department of Biology, Utica College, NY, USA

Title: Ecologically relevant amounts of artificial light at night can alter tadpole growth, development, and nocturnal activity.

Wise, Sharon E.

Department of Biology, Utica College, Utica, NY, USA

*Title: The behavior of aquatic larvae and terrestrial juveniles of the Spotted Salamander (*Ambystoma maculatum*) is influenced by artificial light at night*

St-John, Malcom

Light Pollution Group, Cégep de Sherbrooke, Canada

Title: Implementing Clouds into the Night Sky Radiance Model Illumina

Chapman, Mike

Sydney Outdoor Lighting Improvement Society (SOLIS)

Title: Sydney Outdoor Lighting Society

Dechesne, Roland G.

Royal Astronomical Society of Canada - Calgary Centre, Canada

Title: Strategies for Mitigating Light Pollution from Oil and Gas Field Lighting

Houle, Simon

Light Pollution Group, Cégep de Sherbrooke, Canada

Title: A satellite based intrusive light model

Lauzon, Andréa

Light Pollution Group, Cégep de Sherbrooke, Canada

Title: An Experimental Plate-form to study the impact of Artificial Light on flora

Sánchez de Miguel, Alejandro

Dep. Astrofísica y CC. De la Atmósfera, Universidad Complutense de Madrid, Spain

Title: Images from the Cities at Night program

Exhibition Stands

Cégep de Sherbrooke

Astrolab, Mont-Mégantic, Canada

International Dark Sky Association

Philips Canada

LEKLA Canada

Cooper-Lighting by Eaton