



CITY UNDER MICROSCOPE IN JYVÄSKYLÄ (Finland)



September 19th to 22nd 2012

CITY UNDER MICROSCOPE IN JYVÄSKYLÄ (Finland)



Welcome to the world's northernmost City of Light!

Jyväskylä aims at being a forerunner in outdoor lighting systems. Finland's first master plan for outdoor lighting, first prize in the city, people, light competition and over 80 permanent illuminated locations are demonstrations of consistent development work.

The significance of the LUCI network is large from the perspective of developing a major lighting project and simultaneously it provides an impetus to set objectives increasingly higher. The other cities provide valuable knowledge for future projects – such as the creation of a City of Light themed product for tourism purposes and the coordination of a two year joint project involving four European cities entitled "Light in the City".

Jyväskylä has the honor of hosting the first LUCI network's City under Microscope seminar in the history of this country. I wish the seminar every success!

Markku Andersson,
Mayor of the City of Jyväskylä

A handwritten signature in black ink, appearing to read "Markku Andersson".



With its pioneering "City of Light" concept and its award winning lighting master plan, which has contributed to building a safe and comfortable environment for the city's inhabitants, the City of Jyväskylä has become a must-see for LUCI, and we are therefore very pleased to be here today for this City under Microscope in "the northernmost City of Light in the world".

The City of Jyväskylä, with its consistent involvement in creating an attractive nightscape, its carefully designed lighting projects, and its concern for sustainability, is an exemplar not only in Finland but also throughout the world.

This is an exceptional opportunity for LUCI to discover Jyväskylä in detail, with a programme that brings together some of Finland's brightest experts in urban lighting and related fields.

I would like to warmly thank the City of Jyväskylä for hosting this event and giving LUCI members this unique opportunity to meet and share their experiences.

Councillor Allan Stewart,
President of LUCI
Glasgow City Council

A handwritten signature in black ink, appearing to read "Allan Stewart".

17:00 LUCI Executive Committee meeting / Hotel Rantasipi Laajavuori
(for LUCI EC members only)

19:30 Departure from the hotel

20:00 Welcome Cocktail / Aalto Hall

Markku Andersson, Mayor of the City of Jyväskylä
Councillor Allan Stewart, President of LUCI, Glasgow City Council

- Jazz piano music by Marian Petrescu & Jonna Ortju
- Glimpses of the history of Jyväskylä, the city of internationally renowned architect Alvar Aalto
Anne Yliniemi, Tourist Guide, Jyväskylä Region Tourist Office

21:30 Night-walk around the city centre

Hosted by official City of Light Guides

23:00 Return to the hotel

Moderator: Tony Melville



Originally from Liverpool, Tony took his first degree in modern languages from Queens' College, Cambridge in 1975 and has subsequently lived and worked in various European countries. Tony became Senior Lecturer in English at the University of Jyväskylä in the 1980s, and later started his own communications company serving both the private and public sectors in Central Finland.

Tony has been a Jyväskylä City Councillor and Deputy Councillor since 1996 and is currently Chair of the SDP municipal organisation.

8.00 Registration & coffee / Hotel Rantasipi Laajavuori, Auditorium lobby

9:00 Opening of the City under Microscope

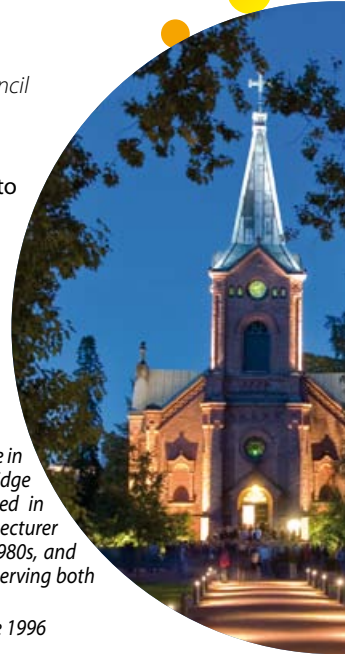
/ Hotel Rantasipi Laajavuori Auditorium

Timo Koivisto, Deputy Mayor, City of Jyväskylä

***Timo Koivisto** has been the Deputy Mayor of Jyväskylä since 2005. Before becoming Deputy Mayor he served as the special advisor to the Minister of Finance (2003-2005). Timo holds a Bachelor's Degree in Law from the University of Turku (1995).*

Councillor Allan Stewart, President of LUCI, Glasgow City Council

***Allan Stewart** is an elected member of Glasgow City Council. He is a member of the City's Sustainability and Environment Committee, amongst others, and has a keen interest in urban lighting. Allan has represented Glasgow at LUCI for many years and was immensely proud to become LUCI President in 2010.*





9:15 - 12:30 Building the Identity of Jyväskylä as the World's Northernmost City of Light

9:15 Up in the North and Very International

Jaana Ruponen, Marketing Manager, Jyväskylä Convention Bureau

Jyväskylä is a dynamic, youthful and lively city in the heart of the beautiful Finnish lake district. Jaana will give a brief introduction to the city, focusing on its current strengths and future potential.

Jaana Ruponen gives professional advice as a neutral liaison between organizers of international events and conference businesses in Jyväskylä. She also offers guidance in planning the events. She promotes the city of Jyväskylä, in international events and congresses.

Before Jyväskylä Convention Bureau, Jaana worked in several positions in the field of tourism, mostly in developing and marketing projects.



9:45 Major Urban Design Projects and Future Goals

Anne Sandelin, Director of Urban Planning Projects, City of Jyväskylä

After providing a short review of the urban development of Jyväskylä, Anne will showcase the most significant current and upcoming projects in the city.

Anne Sandelin started working for the City of Jyväskylä in 1999 as an urban planning architect. In 2002 she took on the responsibility of running the Town Planning Department for the next 8 years. Her special interest was in the development of the city centre and suburban centres.

When Jyväskylä, the Rural Municipality of Jyväskylä and Korpilahti joined to form the new city of Jyväskylä in 2009, the need to focus more on major urban planning projects emerged, and a special Unit was founded under the responsibility of the Deputy Mayor.



10:20 Light as a Tool in Urban Design

Ilkka Halinen, Head of Urban Planning & Design, City of Jyväskylä

Using examples from past and present projects, Ilkka will discuss Jyväskylä's architectural policy especially in its relation to lighting.

Ilkka Halinen, Architect SAFA (the Finnish Association of Architects) has been the Head of Urban Planning & Design of the City of Jyväskylä since 1995. He is the chairman of the City Scape Committee and has been in the jury of 20 national and international architectural competitions. He has been cooperating with many internationally renowned names in architecture like Peter Zumthor, Cero9, Gert Wingårdh, Frédéric Bonnet.



11:00 Coffee break

11:30 Award-winning Urban Lighting Strategy

Kari Ström, Deputy City Engineer, City of Jyväskylä

Roope Siirainen, CEO, VALOA design Ltd.

The presentation will explore the history of the City of Light Project from 1996 through 2012, highlighting major milestones such as the Lighting Master Plan from the year 2000.

Kari Ström has persistently and successfully contributed to building the identity of Jyväskylä as the World's Northernmost City of Light. Kari's work has been recognized by the Award for Excellent International Activity 2010 of the City of Jyväskylä and the Valoisa persoona ("Bright Person") Award 2012 of the Illuminating Engineering Society of Finland.

Kari's experience in the municipal engineering field spans over two decades. His previous positions within the City of Jyväskylä include Planning Engineer, Project Manager, Construction Manager and Director of Street and Park Maintenance. Holder of a Bachelor's degree in Civil Engineering, he has also taken several mid-career courses.





Roope Siirainen has been principal lighting designer in more than 300 projects in exteriors or interiors and he has won several prizes at the national and international level.

Roope is a member of PLDA and he has given several lectures, articles and interviews in the media on architectural lighting at an international level.

Introduced in the "Lighting Design Europe" book 2004 and in the "Who's Who of Lighting 2005" article by the Illuminating Engineering Society of Australia and New Zealand, he was also a member of the trade delegation of the Prime minister of Finland in Kuwait 2005.

12:30 Lunch

14:00 Aalto's Heritage in Urban Planning and Building Design

Tommi Lindh, Vice President, Alvar Aalto Foundation

Jyväskylä can boast more buildings designed by Alvar Aalto than any other city in the world. Tommi will discuss Aalto's use of light, touching on issues related to preservation of historic buildings.

Tommi Lindh studied architecture at the Helsinki University of Technology and graduated as an architect in 1993. He obtained his Licentiate of Science in Technology in 2009. The history of architecture and building conservation have formed a major part of his work. Since 2010, Tommi has held the post of Senior Adviser on building conservation at the Ministry of Environment. Previously he worked as an architect and intendant at the National Board of Antiquities. From 1990 to 1998, he ran his own architectural practice.

A member of various international organizations related to heritage preservation such as ICCROM and DOCOMOMO, he has also been a member of the boards or research committees of national organizations such as the Finnish Architecture Society and the Finnish Association of Architects.

15:00 Departure from the hotel

15:30 - 18:00 Educational Workshop / Jyväskylä City Library

15:30 Introduction to the workshop & coffee

Kari Ström, Deputy City Engineer, City of Jyväskylä and, Annukka Larsen, City of Light Coordinator, City of Jyväskylä

16:00 Educational workshop with partners

The content of the workshop is connected to Jyväskylä's outdoor lighting implementations and design principles. Workshops are carried out in a playful but also educational manner.

18:00 Closing the workshop - Short walk to the restaurant

18:30 Dinner - Restaurant Franseska

20:00 Lutakko LED park excursion and a tour to illuminated sites

23:00 Return to the hotel



Moderator: Tony Melville

8.00 Registration & coffee

/ Hotel Rantasipi Laajavuori, Auditorium lobby

9:00 - 12:00 Technical, Sustainable and Economical Urban Lighting in Jyväskylä

9:00 Jyväskylä's Urban Lighting in Numbers

Annukka Larsen, City of Light Coordinator, City of Jyväskylä

Jyväskylä is a city of plentiful urban light but in a pro-environment way. Annukka will set the context for the morning's discussion by presenting Jyväskylä's urban lighting in numbers.

9:25 Jyväskylä Outdoor Lighting Principles 2012

Marjut Kauppinen, Architect, SAFA

Leena Eväsoja, Head of Department, SITO

Jyväskylä is attempting to unify the technology and methods used in outdoor lighting, with new outdoor lighting principles. The presentation will provide an insight into planning processes and design.

Marjut Kauppinen, Master of Architecture, member of the Finnish Association of Architects, has worked as an independent architect and lighting designer in Helsinki since March 2011. Before that, she worked in the Building Control Department of the City of Helsinki and in a consultancy and engineering office in the field of architecture, city planning and outdoor lighting design.

Currently, Marjut shares her time between lighting design, architectural projects and teaching in Aalto University and Metropolia University of Applied Sciences (Helsinki). She is a member of the board of the Illuminating Engineering Society of Finland.

Leena Eväsoja has a wide variety of experience in outdoor lighting design, including road, park, tunnel and urban lighting design. She received her Master of Science in Technology from the Helsinki University of Technology (2004), majoring in lighting technology.

Leena joined Sito Ltd. in 2003, and in 2010 she was appointed as the head of Sito's outdoor lighting department. The department currently has over 30 ongoing design projects.

10:00 ESOLi – Energy Saving Outdoor Lighting Project

Pentti Hautala, Senior Advisor, SITO

The ESOLi project aims to increase the awareness of adaptive street lighting and accelerate the use of intelligent control systems across Europe. Pentti will give an update on the project as the Finnish project partner.

Pentti Hautala holds a Master of Science in Civil Engineering and has 45 years of experience in lighting engineering in the Finnish Road Administration and as a consulting engineer. He has experience in the field of road, tunnel and urban lighting, as well as adaptive road lighting. He is a key person in the preparation of the national code of practice for road lighting and relevant European standards by CEN (European Committee for Standardisation).

10.25 Pro-environment Urban Lighting Project

Pekka Ulvila, Construction Consultant, Pöyry Ltd.

The project aims to obtain 40 % savings in outdoor lighting energy consumption with a new control system and by replacing half of all street luminaires with new non-glare techniques. Pekka has been involved in the project since its beginning in 2009. The project will be finished in the end of 2013.





Pekka Ulvila has 27 years of experience in project and construction management. Before he joined Pöyry CM Ltd, Pekka worked as a Project Manager for the former Finnish Road Administration where he was responsible for various projects including outdoor lighting construction projects.

Since 2007, Pekka works as Project Manager at Pöyry CM Ltd. During his time with the company, he has worked on several infrastructure projects in Jyväskylä. In addition, he has been involved in the development of construction management tools and practices.

10:50 Coffee break

11:20 Jyväskylä Housing Fair 2014 in Äijälänranta Area

Anne Sandelin, Director of Urban Planning Projects, City of Jyväskylä

The 2014 Finnish Housing Fair will take place in Jyväskylä in the Äijälänranta area. The purpose of this event is to highlight new ideas and innovations in residential construction. Anne will give an update on the latest progress in the area.

11:40 Lighting Concept of Äijälänranta Area

Annikka Larsen, City of Light Coordinator, City of Jyväskylä

Äijälänranta area will be the first housing area in Jyväskylä totally illuminated using LEDs. Annukka Larsen will give an overview of the lighting solutions and luminaire based intelligent control systems provided by C2 Smart Light Ltd.

Annikka Larsen holds a Bachelor of Arts degree with a major in lighting design. Her main area of expertise is in outdoor lighting design and urban light planning. In addition, Annukka teaches architectural lighting at various institutions.

Annikka was involved in creating the Lighting Master Plan for the City of Jyväskylä in 1999-2000. She has worked on a number of lighting projects and has designed the illuminations for Kuokkala Water Tower, Rantaraitti – the pathway along the Jyväsjärvi Lake, Vaasankatu Bridge and Lohikoskentie Flyover. Annukka has worked as City of Light Coordinator since 2007.

In her current role, Annukka contributes to the development of an attractive city nightscape by guiding the lighting projects of the City of Jyväskylä and other actors in the field.

12:00 Lunch

13:30 Lighting Revolution in Foreign Commerce and Geopolitics

Bruce J. Oreck, United States Ambassador to Finland

By 2040, demand for electricity will be up 80 % and electrical generation will account for more than 40 % of global energy consumption. Hence the remarkable gains in energy efficiency provided by the revolution in lighting technology will have profound geopolitical impact. Ambassador Oreck will address the political challenges and business prospects of our new relationship with energy.

Bruce J. Oreck currently serves as the United States Ambassador to Finland. In that capacity, he has driven the initiation of a complete renovation of the Embassy in Helsinki with a focus on high performance and "sustainability". He also serves as the Chair of the League of Green Embassies.

Ambassador Oreck obtained his Bachelor of Arts from the Johns Hopkins University, his Juris Doctorate from Louisiana State University and his Master of Law from New York University. Mr. Oreck practiced law for over 25 years representing many of the largest companies in the United States. He is the author of several books on taxation and has had a successful career as a lecturer in both Europe and the United States.



14:10 City Centre Luminaires

Kari Ström, Deputy City Engineer, City of Jyväskylä

In Jyväskylä it has been realized that the city centre cannot be illuminated by using the same principles with which normal streets and roads are illuminated. The presentation will explore the recent lighting system renewal projects, providing information on the programmable lighting poles in the pedestrian street area and the LED street lighting luminaires by iGuzzini.

14:40 Coffee break

15:10 City of Light Events and Future Development

Jani Ruotsalainen, City of Light Coordinator, City of Jyväskylä

Elli Räsänen, City of Light Coordinator, City of Jyväskylä

The City of Light Project is constantly expanding and evolving. The presentation will discuss the latest developments, including tourism-related initiatives and international projects.

Jani Ruotsalainen has worked as City of Light Coordinator since 2004. Jani's main responsibilities cover the development of the City of Light event, stakeholder relations, strategic marketing and international affairs. He has a Bachelor's degree in hospitality management and in cultural production. Jani's expertise is in management consulting and event production. Prior to joining the City of Jyväskylä, Jani worked in various capacities in the field of tourism. Jani is the founder and Managing Director of consulting company Janrest Yhtiöt Ltd.



Elli Räsänen joined the City of Jyväskylä in 2011 in the International Relations Department where her work was focused on twin city relations and international mobility. In her current role as City of Light Coordinator, she continues to work in the international arena. One of her main responsibilities is to coordinate an EU funded project entitled "Light in the City".

Elli holds a Master's Degree in Intercultural Communication from the University of Jyväskylä and a Bachelor's Degree in Tourism Research from the University of Lapland.



15:45 Light in Green Areas and Light Pollution – panel discussion

Mervi Vallinkoski, Landscape Architect, City of Jyväskylä

Municipal policies on lighting green areas vary worldwide with different strategies for issues such as public safety, beautification, biodiversity and light pollution. The panel, consisting of key stakeholders from various sectors, will address some of these issues and choices made by cities.

Mervi Vallinkoski has worked in her current position at the City of Jyväskylä since 2000. Her primary duties include landscape evaluations and assessments, preparing design impact assessments and landscape architecture. In recent years her role has expanded to include managing the master plan which gives general guidelines for the development of Jyväskylä's green spaces.

Mervi holds a Master's Degree in Landscape Architecture from the Helsinki University of Technology.



17:00 LUCI upcoming events and projects

Alexandre Colombani, General Manager, LUCI Association

Alexandre Colombani has been the General Manager of LUCI since 2008. In this position, he coordinates the organization of international events and projects on urban lighting, as well as the development of communication tools and platforms for knowledge sharing.

Previously, Alexandre served as Director of Cabinet for the Mayor of the 9th district of Lyon and also worked in the Mayor's office in Chambéry. In these roles he was specifically involved in urban planning, housing and safety issues. He holds a Masters in Regional and Urban Planning from the London School of Economics and a degree in Political Science from the Institut d'Etudes Politiques in Lille.



Friday September 21

17:30 Closing the seminar

19:10 Departure from the hotel

19:30 **Opening Ceremony of the City of Light event** / Church Park

Markku Andersson, Mayor, City of Jyväskylä

Short walk to the City Theatre

20:30 **City of Light Reception** / City Theatre

Dinner buffet hosted by the City of Jyväskylä

Timo Koivisto, Deputy Mayor, City of Jyväskylä

22:00 **Light Party** / City Theatre

23:30, 00:30, and 01.30 Return to the hotel



SEPTEMBER

22
Saturday

Optional programme

9:30 Departure from the hotel

10:00 **Excursion to Alvar Aalto Museum and sites**

Tour guided by official Alvar Aalto Guides

13:30 Lunch

Return to the hotel and free time in Jyväskylä

15:00 Free afternoon

18:30 Departure from the hotel

19:00 **Finnish cuisine and sauna experience** / Savutuvan Apaja

19:15 Introduction to Savutuvan Apaja

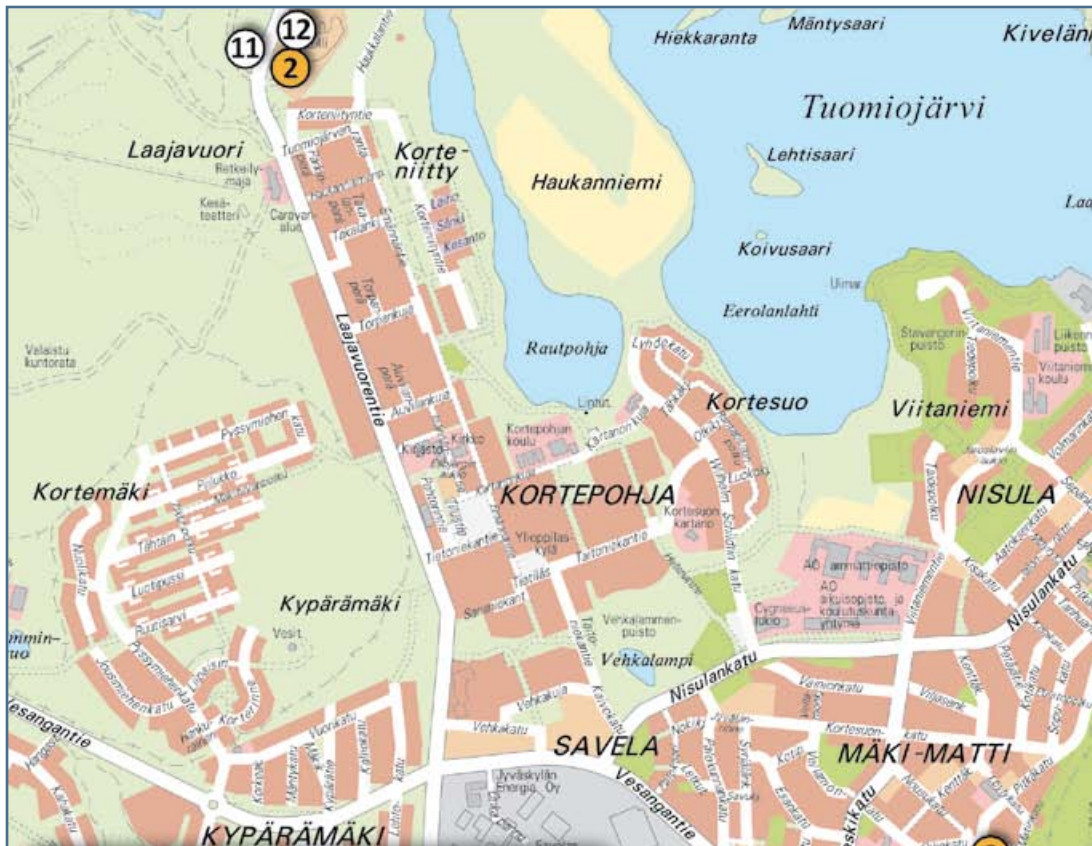
19:30 Finnish cuisine, traditional food and drinks

21:00 Sauna / Karaoke

23:30 Ferry to Lutakko Harbour

24:00 Return to the hotel





Venues

- 1 Welcome Cocktail (Wed)**
Aalto Hall, Väinönkatu 7
- 2 Conference venue and accommodation (Thu & Fri)**
Hotel Rantasipi Laajavuori, Laajavuorentie 30
- 3 Educational Workshop (Thu)**
Jyväskylän City Library, Vapaudenkatu 39-41
- 4 Dinner (Thu)**
Restaurant Franseska, Hannikaisenkatu 35
- 5 Opening Ceremony of the City of Light Event (Fri)**
Church Park
- 6 City of Light Reception (Fri)**
City Theatre, Vapaudenkatu 36
- 7 Lutakko LED park**
- 8 Mäki-Matti family park**
- 9 Alvar Aalto Museum**
Alvar Aallon katu 7

Local bus information

- 9 Jyväskylän Travel Centre**
- 10 Bus stop "Keskusta 6"**
(stop number 6) for buses 25K and 25 to the conference venue
- 11 Bus stop "Laajavuori 1"**
- 12 Bus stop "Laajavuori 2"**





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Jyväskylän

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LUCI (Lighting Urban Community International) is an international network of cities on urban lighting bringing together over 60 municipalities across the world. It creates spaces for exchange of knowledge and good practices, and helps cities develop an appropriate and sustainable use of urban lighting.

Organized twice a year, the LUCI City under Microscope events enable participants to discover the lighting strategy of a member city over a two day period.

A chance to see a city in its best light!

Photos credits:
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Graphic design:
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More information and registrations on the LUCI website: www.luciasociation.org

- Free participation for LUCI members
- 300 euros for non-LUCI members (accommodation not included)

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