



International seminar

Time: Thursday, September 2, 2010 at 12.30 - 14.30

Place: VALOLight at Habitare Fair, Helsinki Exhibition and Convention Centre, on Stage in Hall 3

VALOLight: Eco-efficiency and lighting Presentations of eco-efficient lighting solutions, technology and tools

Programme

Grass root eco-efficiency - communities facing new challenges

*Tuomo Sirkiä, Senior consultant, TkL, architect SAFA
Sito Oy*

Lighting design for LEED and BREEAM certification

*Ken Dooley, Sustainability consultant
Insinööritoimisto Olof Granlund Oy*

Daylight Simulation with Autodesk Revit and 3ds Max Design

*Pierre-Felix Breton, Product Designer, 3ds Max Design
Autodesk Media & Entertainment*

Smart lighting in the public domain

*Ellen de Vries, Lighting designer
HET LUX LAB, Eindhoven Netherlands*

The seminar is chaired by Pia Salmi, WSP Finland Oy

The seminar is free of charge for Habitare and VALOLight Fair visitors. Admission by invitation or by buying a ticket (during trade hours €20/9).



Speakers' Information

**Tuomo Sirkiä, Senior consultant, TkL, architect SAFA
Sito Oy**



Mr Sirkiä's presentation will serve as an introduction to the seminar. He will present the outcomes of a Sitra organised round table discussion in February 2009, make reference to international commitments to reduce CO₂ emissions (lighting being the number three tool in the job), and discuss how community users' behaviour could be made more eco-conscious in everyday life.

**Ken Dooley, Sustainability consultant
Insinööritoimisto Olof Granlund Oy**

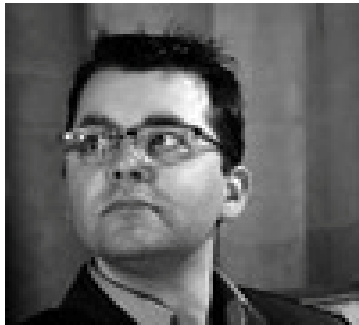


Ken Dooley's role as a sustainability consultant involves providing advice to building design professionals in order to reduce the energy and environmental impact of construction projects. One element of this role is the co-ordination of environmental assessment methods such as LEED and BREEAM. Ken is currently working on a number of these certification projects throughout Finland.

Ken's presentation shall provide a brief introduction to LEED and BREAM and will focus on how lighting design is influenced when a project is seeking certification. Mr Dooley is an expert on BREEAM and LEED in relation to buildings.



**Pierre-Felix Breton, Product Designer, 3ds Max Design
Autodesk Media & Entertainment**



Pierre-Felix Breton is senior software designer and lighting consultant specialized in the field of physically based and artistic lighting simulation. His professional background includes electrical engineering, computer programming and theatrical lighting.

Currently employed by Autodesk Media and Entertainment he participates into the creation of products such as Autodesk 3ds Max and Revit where he focuses on the integration of the mental ray rendering engine as well as daylight simulation technologies.

Pierre-Felix also consults regularly on various design projects as a technical coordinator, software trainer, simulation specialist or tools programmer where he is involved in the entire lighting design and specification process.

**Ellen de Vries, Lighting designer
HET LUX LAB, Eindhoven Netherlands**

Ellen de Vries writes in her company's statement: "Light is a means of designing, thanks to light we experience our environment. The lighting color and the way it impacts on the retina define our perception of space. The Lux Lab wants to improve the perception of space, where possible with daylight, but if necessary with artificial lighting. We strive to implement refreshingly innovative, yet reliable, solutions."