



On 8 December 2015, the Intelligent Lighting Institute (ILI) of Eindhoven University of Technology (TU/e) will organise the 2015 edition of its *annual public outreach event*. During this event we highlight recent developments in *research & innovation in science & technology in light & intelligent lighting* and its applications in *health & well-being*.

During the event the audience will also get better informed about *recent, current, and upcoming* research & innovation projects carried out by researchers related to ILI by means of a series of poster presentations

Registration for this event can be done via
<http://iliad-2015.eventbrite.com/>

Program

- 10:00 Registration with coffee/tea in Building *De Zwarte Doos*, Filmzaal (Floor 1)
- 10:30 Opening & welcome
by prof. dr. I.E.J. (**Ingrid**) **Heynderickx**, scientific director of ILI
- 10:45 **Invited talk** entitled "*Analogies between descriptions of light in optics, perception and design*"
by dr. S. (**Sylvia**) **Pont** of Delft University of Technology, Perceptual Intelligence Lab
- 11:15 Presentation on research program "*Light by Design*"
by dr. J.H.M. (**Jan**) **ten Thije Boonkkamp**, program manager
- 11:35 Series of **poster pitches** related to relevant research & innovation projects
- 12:35 Lunch (in parallel with poster presentations)
- 13:40 Presentation on creative program "*Openlight*"
by R.V.A.Q.A. (**Rombout**) **Frieling** M.A., M.Sc., program manager
- 14:00 Presentation on research program "*Bright Environments*"
by dr. T. (**Tanır**) **Özçelebi**, program manager
- 14:20 Presentation on research program "*Sound Lighting*"
by prof. dr. ir. Y.A.W. (**Yvonne**) **de Kort**, program manager
- 14:40 Break (in parallel with poster presentations)
- 15:00 **Invited talk** entitled "*Healthy Environments in Offices: Living at The Edge*"
by prof. Dr.-Ing. A.L.P. (**Alex**) **Rosemann** and prof. dr. ir. E.J. (**Evert**) **van Loenen**
- 15:30 **Invited talk** entitled "*A new Colour Appearance Model for Unrelated Colours*"
by prof. dr. P. (**Peter**) **Hanselaer** of KU Leuven, [Light & Lighting Laboratory](#)
- 16:00 Presentation on research infrastructures and Living Labs
by dr. ir. P.H. (**Elke**) **den Ouden**, dr. ir. P.R. (**Philip**) **Ross** and dr. ir. A. (**Antal**) **Haans**
- 16:20 Transfer from Building *De Zwarte Doos* to Building *MetaForum*
- 16:30 Reception and networking with at 17:00 the formal opening of new Living Lab at "De Markthal"
– 18:00 by prof. dr. ir. F.P.T. (**Frank**) **Baaijens**, Rector of Eindhoven University of Technology

The new intelligent lighting research infrastructure annex Living Lab at "*De Markthal*" is [a state-of-the-art infrastructure](#) of sensors (e.g. cameras) and actuators (e.g. lights) that is accessible via an open '*Internet-of-Things*' architecture and that serves the research purposes from various departments of TU/e as well as various education programs on B.Sc., M.Sc. PDEng and PhD level. This infrastructure is not only used for research related to light & lighting (in the "*Sound Lighting*" program), but also for research related to '*Internet-of-Things*' based system and software architectures for digital lighting infrastructures (in the "*Bright Environments*" program).