

Workshop opening	
Dr. Josep Carreras , IREC (Catalonia Institute for Energy Research), SPA <i>"HI-LED EU-Project"</i>	
Session 1: Human-centric lighting	
Keynote 1	Professor Anya Hurlbert , Newcastle University, UK <i>"Sculpting the spectrum of light to influence human visual and non-visual behaviour "</i>
Keynote 2	Prof. Dr. Christian Cajochen , Head Centre for Chronobiology, University of Basel, CH <i>"Light beyond vision: effects on the human body clock, alertness and sleep "</i>
Demo session 1	Tuneable digital light-engines for human-centric purposes
Session 2: Horticulture	
Keynote 3	Dr. Phillip Davis , Stockbridge Technology Centre, UK <i>"Plant light responses and their manipulation for horticultural purposes"</i>
Keynote 4	Dr. Tom Dueck , Wagenigen UR, NL <i>"Optimizing horticultural production with light spectra"</i>
Demo session 2	Tuneable digital light-engines for horticulture
Poster session and coffee break	
Session 3: Art-work and museum lighting	
Keynote 5	Dr. Ferenc Szabo, Pannonia University, HU <i>"LED museum lighting: challenges and solutions"</i>
Keynote 6	Dr. Sérgio Nascimento, Department of Physics, University of Minho, PT <i>"Best lighting for visual appreciation of artistic paintings"</i>
Demo session 3	Tuneable digital light-engines for museum lighting and hybrid LED-OLED engine
Round table and poster award	