

## Workshop on Luminescent Solar Concentrator Photovoltaics (LSC PV)

This workshop on the performance enhancement of Luminescent Solar Concentrator Photovoltaics (LSC PV) will take place on Thursday 14 November 2019 at Eindhoven University of Technology in Eindhoven, the Netherlands.

Venue: Gemini Z 0.05, Groene Ioper, Building 15, TU Eindhoven, The Netherlands

Time (h)	Speaker's Name & Affiliation – Theme – Title of the presentation
9:00	Welcome with coffee and tea
9:20	Angèle Reinders and Michael Debije, TU/e, Eindhoven, The Netherlands <i>Introduction to the workshop's program, welcome to TU/e &amp; COST Action PEARL PV</i>
9:30	Tim Schmidt, UNSW, Sydney, Australia – Plenary Speaker – Fundamentals <i>The whats, hows and whys of luminescent solar concentrators: where to from here?</i>
10:00	Glenn Alers, Soliculture, and Sue Carter, University of California at Santa Cruz, USA – Plenary Speakers – Applications <i>A commercial LSC for greenhouses with 250kW in the field</i>
10:30	Break with coffee and tea
11:00	Celso de Mello Donega, Utrecht University, The Netherlands – Fundamentals <i>Prospects and challenges of colloidal nanocrystals for LSCs</i>
11:20	Bruno Ehrler, Amolf, Amsterdam, The Netherlands – Fundamentals <i>Singlet fission and perovskites in LSCs</i>
11:40	Joe Kao, PHYSEE, Delft, The Netherlands – Applications <i>Electricity generating window – LSC based on inorganic, rare-earth metal doped coatings</i>
12:00	Guided discussion about LSC PV Fundamental research challenges
12:20	Lunch break
13:30	Rachel Evans, University of Cambridge, UK – Plenary Speaker – Devices <i>Engineering integrated lightguide-luminophore materials to overcome luminophore losses in LSCs</i>
14:00	Michael Debije, TU/e, Eindhoven, The Netherlands – Devices <i>Expanding the applications for LSCs</i>
14:20	Guided discussion about LSC PV Device research challenges
15:00	Break with coffee and tea
15:30	Jeroen ter Schiphorst, Lusoco, Eindhoven, The Netherlands – Applications <i>Luminescent solar concentrators as sustainable and autonomous signage</i>
15:50	Wilfried van Sark, Utrecht University, The Netherlands – Applications <i>Visual appearance of nanocrystal-based luminescent solar concentrators</i>
16:10	Angèle Reinders and Mohammadreza Aghaei, TU/e, Eindhoven, The Netherlands – Applications <i>Designing with LSC PV technologies: simulations and testing of prototypes</i>
16:30	Guided discussion about LSC PV Applications research challenges
17:00	Refreshments
17:30	End of the workshop