

Tuesday, 11 October	
	Room: Imperial Main Session 5
09:00-09:40	P5-2056. Sanjiv Mathur, Y. Gönüllü, T. Fischer, R. Frohnhoven Metal oxide nanosurfaces and hetero-interfaces for solar harvesting applications
09:40-10:20	PO5-1843. David Ginley, <u>L. Garten</u> , T. Gennett, P. Ndione, M. van Hest, S. Aggarwal, R. Singh, S. Lany, J. Perkins Developing new functional TCs
10:20-10:50	Coffee break
	Session 6, Chair: K. Elmer
10:50-11:30	P6- Bob Chang Application of TCO, indium tin oxide, nanorod arrays for ultrafast switching of light
11:30-12:10	PO4-2054. John Wager Oxide TFTs: a progress report
12:10-13:00	In Memoriam Bruno Karl Meyer: Excitons, Impurities and Defects in Oxides and Nitrides <u>Alex Hoffmann</u>
13:00-14:00	Light lunch
	Session 7, Chair: J. Wager Fundamental Research Challenges
14:00-14:20	PO6- <u>Rodrigo Martins</u> , M. Mendes, L. Pereira, D. Gaspar, P. Barquinha, A. Vicente, H. Águas, E. Fortunato Exploiting the Surface for the next generation of Eco-Systems on Foil Technology
14:20-14:40	Ind1-2069. <u>Marcus Bender</u> , H. Chan Park, A. S. Bhoolokam, A. Klöppel, M. Hanika / AMAT Next generation MOx active layers for AM-TFT display backplanes deposited by static large area PVD technology with rotary cathode technology
14:40-15:00	PO7- <u>Arokia Nathan</u> , X. Cheng, S. Lee Device-circuit interactions in oxide TFT circuits and systems
15:00-15:20	Ind2-1964. <u>Mirko Weidner</u> / SPECS Above and beyond – enabling next generation devices by novel material characterization approaches
15:20-15:40	PO8-2058 / <u>Martyn E. Pemble</u> , J. Halpin, I. Kazadojev, J. Kegel, M. McCarthy, M. Modreanu, S. O'Brien, I. M Povey, L. P. Ryan, A. Walsh Towards the use of CMOS technologies and concepts for the production of transparent conducting oxide thin films for use in next-generation solar harvesting devices
15:40-16:00	Coffee break
	Session 8, Chair: S. Mao Industrial Exploitation Frontiers
16:00-16:20	Ind3-2189. <u>Clark Bright</u> Multilayer TCMs: from lab to market
16:20-16:40	PO9- <u>Claes Granqvist</u> Transparent conductors: A bird's eye perspective
16:40-17:00	Ind4- <u>Volker Linss</u> / Von Ardenne Challenges in the industrial deposition of TCO materials by reactive magnetron sputtering from rotatable targets
17:00-17:20	PO10-2051. <u>Giorgio Sberveglieri</u> Innovative metal oxide chemical sensing devices
17:20-17:40	Ind5- Marcus Klein, <u>Richard Kupke</u> , Stephan Adam / SURAGUS Challenges and possibilities in non-contact in- and offline characterization of conductive thin films
17:45-19:00	Panel discussion
19:45-23:00	Gala dinner