

	Friday 19 October			
	Imperial Main Chairs: L. Torsi / H. N. Alshareef			
08:30-09:10	P28 - C. Panagopoulos Tunable room temperature skyrmions			
09:10-09:50	P29 - C. Bright Designing and engineering TCOs for applications			
09:50-10:30	P30 - H. H. Radamson Advanced gate oxide and metal gate layers for CMOS			
10:30-11:00	Coffee break			
	TCM Session 9A (Imperial Main) Chairs: M.V. Diamanti / L. G. Occhipinti	TCM Session 9B (Imperial 1) Chairs: M. M. De Souza / M. Bender	BS Session 9A (Imperial 2) Chairs: D. Venieri / T. Kubo	BS Session 9B (Imperial 3) Chairs: V. Craciun / T. Kachi
11:00-11:30	TCM-I25.ID-219 D. C. Koutsogeorgis Photonic processing for metal oxide thin films	TCM-I27.ID-204 A. Li Bassi Nanoengineered TiO ₂ films with enhanced optical/electrical properties for advanced photoconversion and plasmonics	BS3-I14.ID-3 T. Yamamoto , J. Nomoto, Y. Furubayashi, H. Makino, S. Kishimoto High response hydrogen gas sensors based on 50-nm-thick Ga-doped ZnO films	BS1-I19.ID-70 L. Kirste , T. Tran Thi, A. Danilewsky, V. Zuerbig, M. Prescher, Ph. Reinke, T. Sochacki, M. Boćkowski, J. Baruchel Current status of the structural properties of GaN and diamond substrates for wide bandgap semiconductor power devices: A synchrotron X-ray diffraction study
11:30-11:40	TCM-I26.ID-241 M. A. McLachlan Processing, crystallinity and stability in perovskite solar cells	TCM-I28.ID-255 P. Patsalas Past and future of compound semiconductor growth technologies	BS3-I15.ID-80 A. Tsurumaki-Fukuchi , M. Arita, Y.Takahashi Enhanced defect formation at metal/oxide interfaces and its application to resistive memory devices	BS1-O1.ID-139 Ł. Janicki , M. S.Mohajerani, J. Hartmann, E. Zdanowicz, H-H Wehmann, A. Waag, R. Kudrawiec Determination of the Fermi and Zn acceptor levels in GaN:Zn by Contactless Electroreflectance
11:40-11:50				
11:50-12:00				BS1-O2.ID-55 A. Elhichou, N. Stein Lithium doped ZnO nanostructures: Growth, doping and physical properties
12:00-12:10	TCM-O41.ID-211 M. Zervos , A. Othonos, E. Tanasä, E. Vasile Highly directional Sb doped SnO ₂ transparent conducting oxide nanowires on sapphire	TCM-O44.ID-137 S. Heusing , T. M. Amaral, P. König, P. W. de Oliveira Hybrid conductive layer systems of printed silver grids with wet chemical deposited TCO coatings	BS3-I16.ID-230 V. Binas Advanced functional materials for environmental applications	BS1-O3.ID-180 A. Abdolazhadeh Ziabari , N. Mohabbati Fabrication and numerical study of sol-gel derived Cu ₂ ZnSnS ₄ thin films for solar cell applications
12:10-12:20				
12:20-12:30	TCM-O42.ID-123 N. Winkler , A. R. Wibowo, W. Kautek, T. Dimopoulos Investigation and optimization of nanocrystalline Ga ₂ O ₃ films deposited by spray pyrolysis from aqueous solutions	TCM-O45.ID-105 A. Papadogianni , T. Nagata, C. Wouters, M. Albrecht, J. Feldl, M. Ramsteiner, M. Feneberg, R. Goldhahn, O. Bierwagen Structural, optical and electronic properties of single-crystalline (In _{1-x} Ga _x) ₂ O ₃ thin films in the low-x bixbyite phase end	BS3-O4.ID-245 E. Aperathitis , V. Kampitakisa, E. Gagaoudakis, D. Zappa, E. Commini, G. Kiriakidis, V. Binas High sensitive NiO:Al nanostructured thin films for flammable and explosive gas sensing applications	BS1-O4.ID-250 E. Gagaoudakis , O. Markaki, L. Zouridi, E. Aperathitis, G. Kiriakidis, V. Binas Hydrothermal synthesis of undoped and W-doped VO ₂ thermochromic films deposited on pre-coated glass substrates
12:30-12:40				
12:40-12:50				

12:40-13:00	<p>TCM-O43.ID-249 D. Katerinopoulou, P. Zalar, E. C. P. Smits, G. H. Gelinck, G. Kiriakidis Study of a doped manganese spinel oxide printable temperature sensor</p>	<p>TCM-O46.ID-32 Y. Youn, K. Yim, M. Lee, D. Kim, S. Han High-throughput approach to search for p-type transparent oxide semiconductors</p>	
13:00-14:00	<p align="center">Closing remarks : G. Kiriakidis / S. Mao & Farewell drink</p>		