	Monday, 10 October		
	Room: Imperial Main		
08:30-09:10	**P1. Gunnar Westin** **Thin and ultra-thin films by solution chemistry**		
	Session 1A (Imperial Main)	**Session 1B (Imperial 1)**	**Session 1C (Imperial 2)**
09:15-09:35	**O-1952. M. Grell, T. D. Anthopoulos** High electron mobility thin-film transistor enabled by solution-deposited low-dimensional metal oxide heterointerface channels	**O-1753. R. Mientus, M. Weise, S. Seeger, J. Reck, K. Ellmer** Ta-doped SnO_2 polycrystalline films on glass using seed-layer technique by magnetron sputtering	**O-2000. F. Rigoni, C. Baratto, R. Maiti, M. Donarelli, N. Cattabiani, E. Comini, M. Ferroni, D. Zappa, A. Ponzoni, G. Sberveglieri, G. Faglia** ZnO/graphene hybrid system: optical, electrical and gas sensing properties
09:35-09:55	**O-1714. N. A. Hastas, H. Faber, Y-H Lin, A. D. Mottram, T. D. Anthopoulos** Electronic properties of high mobility solution-processed transparent oxide transistors	**O-1771. L. P. Ryan, A. Walsh, M. McCarthy, S. O'Brien, M. E. Pemble, I. M. Povey** Atomic layer deposition of doped zinc oxide for transparent conducting layers in solar cells	**O-1691. S. Sanctis, R. W. Hoffmann, J. J. Schneider** Synthesis, chemical, structural and electrical analysis of TCO and TCO/virus hybrid materials
09:55-10:15	**O-1805. S. Ullah, R. Branquinho, T. Mateus, R. Martins, E. Fortunato** Solution combustion synthesis of transparent & conducting thin films with substituted or reduced use of indium for photovoltaic applications	**O-1723. E. Rucavado, F. Landucci, Q. Jeangros, J. Holovský, A. Hessler-Wyser, M. Morales-Masis, C. Ballif** Correlation between sub-gap states and optoelectronic properties of amorphous zinc tin oxide	**O-1995. E. Gagaoudakis, G. Michail, E. Aperathitis, V. Binas, M. Eleftheriou, E. Poulakis, G. Kiriakidis** Low Temperature RF-Sputtered VO2 Thermochromic Films for Smart Window Applications
10:15-10:45	**I-2044. M-H Yoon** Sol-gel metal oxide material-based electronics: low-temperature photoactivation, large-area printing, and direct patterning	**I-1940. M. Modreanu** Investigation of optical and vibrational properties of functional metal oxides	**I-1860. C. Baratto** Nanophotonic and plasmonic for chemical sensing
10:45-11:15	**Coffee break**		
	Room: Imperial Main		
11:15-11:55	**P2. Gerwin Gelinck** **Flexible amorphous oxide semiconductor thin-film transistors**		
	Session 2A (Imperial Main)	**Session 2B (Imperial 1)**	**Session 2C (Imperial 2)**
12:00-12:20	**O-1821. P. B. Pillai, M. M. De Souza** Memory and Learning behaviour of ZnO based transparent synaptic thin film transistors	**O-1872. J. Resende, S. Brochen, L. Bergerot, C. Jiménez, N. D. Nguyen, J. L. Deschanvres** Cation-doped Cu2O as a transparent p-type semiconducting oxide with enhanced performances: A comparison between strontium and magnesium incorporation	**O-1987. C. Petridis, D. Konios, M. M. Stylianakis, E. Stratakis, E. Kymakis** Solution-processed reduced graphene oxide electrodes for organic photovoltaics
12:20-12:40	**O-1839. C. Fernandes, A. Kiazadeh, E. Fortunato, R. Martins, P. Barquinha** Low temperature amorphous ZTO TFTs on flexible substrates using a combinatorial approach	**O-2006. G. Kakavelakis, D. Konios, C. Petridis, E. Stratakis, E. Kymakis** Work function tuned solution processable graphene derivatives as buffer layers for high efficient organic and perovskite solar cells	**O-1938. A. Varea, S. Claramunt, D. López-Díaz, M. M. Velázquez, A. Corneta, A. Cirera** The interband importance of the first-order raman spectrum of graphene oxide
12:40-13:10	**I-2074. L. Pereira, L. Santos, P. Grey, J.T. Carvalho, D. Gaspar, E. Fortunato, R. Martins** Oxide nanoparticles based electrical and electrochemical devices on paper substrates	**I-2065. T. Sannicolo, M. Lagrange, S. Xian, D. Muñoz-Rojas1, C. Jiménez1, Y. Bréchet, N. D. Nguyen, D. Bellet** Transparent electrodes based on silver nanowire networks: from fundamental aspects to integration into device	**I-1707. S-H Choi** Use of graphene in optoelectronic devices as a transparent electrode
13:10-15:00	**Light lunch and poster session 1**		

	Room: Imperial Main		
15:00-15:40	**P3-2052. George Malliaras** **Interfacing with the brain using organic electronics**		
	Session 3A (Imperial Main)	**Session 3B (Imperial 1)**	**Session 3C (Imperial 2)**
15:45-16:05	**O-1754. K. A. Stewart, J. F. Wager** AOS TFT mobility limits considerations	**O-1996. M. M. Stylianakis, D. Konios, P. Tzourmpakis, C. Petridisa, E. Kymakis** Ternary organic solar cells incorporating 2D materials	**O-1977. V. Skoulas, A. Papadopoulos, G. D. Tsibidis, E. Stratakis** Ultrafast laser processing of transparent materials for the fabrication of biomimetic surfaces
16:05-16:25	**O-1960. H. Ma, G. Yao, A. Kunrath, A. Nathan** Fabrication and characterisation of zinc oxynitride for thin film transistors	**O-1784. S. L. Moffitt, Q. Zhu, Q. Ma, D. Bruce Buchholz, R. P. H. Chang, T. O. Mason, T. J. Marks, M. J. Bedzyk** Developing structure-property relationships in amorphous transparent conducting oxides through local structure studies of the In-Ga-O system	**O-1949. C. Kim, Y. Won, S. Kim, S. E. Kim** Comparative analysis of SnO_x thin films deposited by reactive sputtering in different SnO/Sn target compositions
16:25-16:45	**O-1701. Y. Zhang, Z. Mei, S. Cui, H. Liang, Y. Liu, X. Du** Flexible transparent field-effect diodes fabricated at low-temperature with all oxide materials	**O-1950. L. M. Garten, J. Waters, I. Ferrall, L. T. Schelhas, M. F. Toney, B. Gorman, P. Ndione, S. Lany, A. Zakutayev, D. Ginley** Doping studies of gallium oxide wide band Gap semiconductors	**O-2008. P. Lunca Popa, J. Crêpellière, N. Bahlawane, R. Leturcq, D. Lenoble** Thermoelectric properties of highly conductive p-type $CuCrO_2$ thin films grown by metal-organic chemical vapour deposition
16:45-17:15	**I-2060. P. Barquinha, C. Fernandes, D. Lima, J. Martins, A. Rovisco, A. Kiazadeh, R. Branquinho, E. Carlos, D. Salgueiro, P. Bahubalindruni, R. Martins, E. Fortunato** Flexible oxide electronics: getting multifunctionality, sustainability and speed altogether	**I-2059. M. Higashiwaki, M. H. Wong, K. Konishi, K. Sasaki, K. Goto, R. Togashi, H. Murakami, Y. Kumagai, B. Monemar, A. Kuramata, S. Yamakoshi** Recent Advances in Ga_2O_3 power device technologies	**I-2024. T. Deppisch, N. Morrison, C. Kurthen, U. Hermanns, D. Wagner, R. Kukla** Advanced R2R touch panel manufacturing solutions
17:15-17:45	**Coffee break**		
	Room: Imperial Main		
17:45-18:25	**P-1980. Andreas Klein** Electric properties of grain boundaries in transparent oxide conductors		
	Session 4A (Imperial Main)	**Session 4B (Imperial 1)**	**Session 4C (Imperial 2)**
18:30-18:50	**O-2201. T. Fischer, S. Mathur** In-situ characterisation during fabrication of nanostructured functional thin films via chemical vapour deposition	**O-1966. J. Jiang, Y. Lu, B. Kramm, F. Michel, C. T. Reindl, M. Kracht, B. K. Meyer, D. M. Hofmann, M. Eickhoff** Nitrogen incorporation in SnO_2 thin films grown by chemical vapor deposition	**O-2004. C. Tsangarides, H. Ma, A. Nathan** Inkjet-printing fabrication of pedot:PSS-based thermoelectric modules
18:50-19:20	**I-2043. H. E. Unalan** Metal nanowire networks as transparent contacts	**I-1975. E. Stratakis** Laser processing of 2D nanosheet based materials for organic electronics	**I-2014. S. Logothetidis** Novel R2R fabrication process for high quality transparent electrode nanolayers for cost effective manufacturing of flexible organic photovoltaics
19:20-21:00	**Dinner**		
21:00-22:00	***TCM-net Board meeting***		