Extreme Nanowire, Phase Formation and Molecular Encapsulation in Atomically Thin Capillaries: Practice, Theory and Experiment

TALK SCHEDULE

10:30am	Arrival and Registration	
Encapsulated	confined nanowires Jeremy Sloan, Warwick	
11:00am		
11:30am	1st Plenary Talk The ex nihilo prediction of the structure and properties of encapsulated picowires Andrew Morris, Birmingham	
12:10pm	1st Invited Talk Regulation of electronic structure and transport properties in 1D materials via nano-confinement Andrij Vasylenko, Warwick	
12:40pm	LUNCH/POSTERS	
From 2D to 1D to 0D – Atomic Chains, Microscopy and Doping		
1:30pm	2 nd Plenary Talk <i>Polymorphic structures and diversified properties of atomic chains: From 2D to 1D materials</i> Kazu Suenaga, AIST, Japan	
2:10pm	2 nd Invited Talk <i>Inorganic synthesis in carbon nanoreactors: controlled formation of Low-Dimensional Nanomaterials</i> Thomas Chamberlain, Leeds	
2:40pm	1 st Student Talk Decreased photoconductivity lifetime in p-type doped carbon nanotubes studied by optical pump terahertz probe spectroscopy. Maria Burdanova, Warwick	
3:00pm	COFFEE/POSTERS	
From 0D to 1E	nanotubes studied by optical pump terahertz probe spectroscopy. Maria Burdanova, Warwick Opm COFFEE/POSTERS om OD to 1D – Phase Change Materials, Molecular Encapsulation and Synthesis	
4:00pm	2nd Student Talk AR-TEM and STEM studies of encapsulated PCMs in narrow to medium diameter SWCNTs Charlotte Slade, Warwick	
4:20pm	3rd Plenary Talk Reactions of molecules promoted by the electron beam in TEM: a tool for the discovery of new chemistry	
	Andrei Khlobystov, Nottingham	
5:00pm	Finish/Informal Discussions	