	start	end	Talk	Speaker
day Tue 29th	09:10	09:20	**Introduction to Phys Props 2021**	Particular Science team
	9:30	10:10	**Particle technologies in pharma and in drug delivery**	Dr Sarah Hudson, UL
	10:30	10:50	Much More Than Just Melting Point Determination – the Benefit of DSC Measurements on Pharmaceuticals	Dr. Gaby Kaiser, Netzsch
	11:00	11:20	Characterising tablet coatings with BARDS	Dr. Dara Fitzpatrick, UCC
	11:30	11:50	The Value of Multi-Variate Powder Flow Characterisation	Laura Shaw, Freeman Technology
	14:00	14:40	**Biotherapeutic characterisation**	Dr. Ciaran Maguire, Particular Sciences
	15:00	15:20	Gene Delivery via AAV: Enhanced AAV Characterizatio	Dr. Stefan Cairns, Malvern Panalytical
	15:30	15:50	Higher-Order Structure Aanalysis (HOS) of bio-molecules	Dr. Doug Marshall, Applied Photophysics
	16:00	16:20	Pilot scales technologies from PID	Dr. Antonio Berenguer, Micromeritics
	16:30	16:50	Flow Imaging technology and applications with FlowCam	Dave Hamel, Yogokawa Fluid Imaging
Wed 30th	9:30	10:10	**Material characterisation in food and agriculture applications**	Andrew Lake, Malvern Panalytical
	10:30	10:50	Understanding bulk and surface properties of complex solid state materials through Dynamic Vapor Sorption	Dr. Majid Naderi, Surface Measurement Systems
	11:00	11:20	An introduction to Thin Film, Surface Science Characterisation using Quartz Crystal Microbalance with Dissipation (QCM-D), Langmuir Blodgett and Theta Flow instrumentation	Dr Usha Devi, Biolin Scientific
	11:30	11:50	Analytical technologies for additive manufacturing	John Sloane, Particular Sciences
	14:00	14:40	**New Technologies for material characterisation**	Donnchadha Quilty, Particular Sciences
	15:00	15:20	Developments and state of the art in XRD technology	Dr. Jan Gertenbach, Malvern Panalytical
	15:30	15:50	Breakthrough adsorption theory and practice	Dr. Julian Hungerford, Micromeritics
	16:00	16:20	Applications of Tera-Hertz Raman spectroscopy	Dr. James Carriere, Coherent
	16:30	16:50	Re-Imagining Raman Sampling Optics	Harry Owen, HORC