

Time	Sunday, 27 May 2012	Monday, 28 May 2012	Tuesday, 29 May 2012	Wednesday, 30 May 2012	Thursday, 31 May 2012	Friday, 1 June 2012
08:00		Registration 08:00 - 09:00	Registration 08:00 - 09:00	Registration 08:00 - 09:00	Registration 08:00 - 09:00	
08:30		Welcome 09:00 - 09:15				
09:00		WP6: Valerie Andre Keynote talk: Nanotechnology: Impact on Society, Science and Education 09:15 - 09:50	WP6: Peter Wick Invited talk: How safe is nano-safety research 09:00 - 09:30	WPS: Charles Zukoski Invited talk: Dispersion of Nanoparticles in Polymer Melts: Microstructure and Function 09:00 - 09:40	WP3: Clive Prestidge Contributed talk: HYBRID NANO-BIOMATERIALS BASED ON DRY FORMULATED LIPID COLLOIDS STABILISED BY NANOPARTICLES 09:00-09:20	
09:15					WP9: Ji Qingmin Contributed talk: HOLLOW SPHERES WITH FLAKE SHELLS AS DRUG DELIVERY VEHICLES 09:20 - 09:40	
09:20			WP8: Jacques Ragot Invited talk 09:30 - 10:00	WPS: Sophie Schnurre Contributed talk: TRANSFER OF FUNCTIONALIZED NANOPARTICLES FROM THE GAS-PHASE INTO LIQUID SUSPENSIONS 09:40 - 10:00	WP3: Masaki Otagiri Contributed talk: HUMAN SERUM ALBUMIN AS A NANOMEDICINE CARRIER 09:40 - 10:00	
09:30						
09:40						
09:50						
10:00		WP6: Agnieszka Leszczynska & Marco Giacomelli Tandem lecture: STRUCTURE AND PROPERTIES OF POLYPROPYLENE AND POLYAMIDE-6 NANOCOMPOSITES WITH MONTMORILLONITE: FROM LAB TO INDUSTRIAL SCALE PRODUCTION 09:50 - 10:20	WP9: Rings Grombe Contributed talk: ENGINEERED NANOMATERIAL IN FOOD REFERENCE MATERIALS - THE COMPROMISE BETWEEN REAL LIFE AND TECHNOLOGICAL REALITY 10:00 - 10:20	WPS: John Tester Contributed talk: OSMOTIC NANOSPHERES - IDEAL AND SWITCHABLE DISPERSANTS FOR WATERBORNE DISPERSIONS AND ADVANCED COATINGS 10:00 - 10:20	WP3: Katharina Bruno Contributed talk: EVIDENCE OF STRUCTURAL IMPACT ON BIOACTIVITY OF CHITOSAN/SILICA NANOPARTICLES 10:00 - 10:20	
10:20		WP6: Yury Shchegunov Contributed talk: HYPERBRANCHED POLYGLYCOLS: SYNTHESIS, PROPERTIES AND APPLICATION 10:20 - 10:40	WP8: Christoph Steinbach Contributed talk: DATA - KNOWLEDGE BASE NANOMATERIALS 10:20 - 10:40	WPS: Joanna Thome Contributed talk: CONTROLLING FLOCCULATION OF OPPOSITELY CHARGED POLY(NIPAM)-BASED NANOPARTICLES 10:20 - 10:40	WP3: D. Di Silvio Contributed talk: STUDY OF THE BIOPHYSICAL INTERACTIONS BETWEEN CORE-SHELL NANOCARRIERS AND LIQUID-SUPPORTED MODEL OF CELL MEMBRANES 10:20 - 10:40	
10:25						
10:40		Coffee 10:40 - 11:10	Coffee 10:40 - 11:10	Coffee 10:40 - 11:10	Coffee 10:40 - 11:10	Trade Day Alicia Foundation 08:30 - 13:40
11:10		WP7: Trevor Rhodes Invited talk: How a thin layer of nano silver halide can enhance our view of life 11:10 - 11:50	WP3: Nissim Garti Invited talk: Novel mesophases as delivery vehicles for bioactives - on demand and targeted release - progress and perspectives 11:10 - 11:50	WP8: Barbara Rothen-Rutishauser Invited talk: Design of safe nanomaterials - What cells can tell us! 11:10 - 11:45	WP4: Philippe Rogueda Invited talk: Rheology of nanopowders: facing the reality 11:10 - 11:40	
11:30						
11:40						
11:45				WP6: Liming Wang Contributed talk: SURFACE EFFECTS OF NANOMATERIALS ON MEMBRANE STRUCTURES AND CELL FATES 11:45 - 12:00	WP4: Berndt Joost Invited talk: Processing of Pharmaceutical Dispersion with bad Solubility 11:40 - 12:10	
11:50		WP7: Sergey Sladkevich Contributed talk: SEMICONDUCTIVE OXIDE COATINGS ON CLAYS, MINERALS AND OTHER PARTICULATES 11:50 - 12:10	WP3: Paul Young Contributed talk: THE USE OF NANOTECHNOLOGY IN RESPIRATORY DRUG DELIVERY 11:50 - 12:10	WP8: Lonji Kalombo Contributed talk: IN VIVO UPTAKE AND ACUTE IMMUNE RESPONSE TO ORALLY ADMINISTERED CHITOSAN AND PEG COATED PLGA NANOPARTICLES 12:00 - 12:15		
12:00						
12:10		WP7: Junhui He Contributed talk: FACILE FABRICATION OF HIERARCHICALLY MESOSTRUCTURED SILICA NANOPARTICLES AND THEIR MULTIPURPOSE POTENTIALS 12:10 - 12:30	WP3: Toyoko Imae Contributed talk: THERAPEUTIC APPLICATION OF NANOMATERIALS CONSISTING OF NOVEL COMPONENTS SUCH AS NANOPARTICLE OR GRAPHENE/ENDODRIMER 12:10 - 12:30	WP8: Huijun Zhu Contributed talk: IN VITRO ASSESSMENT AND CHARACTERIZATION OF SILICA NANOPARTICLES TOXICITY IN HUMAN LUNG A549 CELLS 12:15 - 12:30	WP4: Niklas Nordgren Contributed talk: NANOSCALE INTERACTIONS BY AFM WITH RELEVANCE TO POWDER PROCESSING 12:10 - 12:30	
12:15						
12:30		Lunch 12:30 - 13:40	Lunch 12:30 - 13:40	Lunch 12:30 - 13:40	Lunch 12:30 - 13:40	
13:00						
13:40		Poster-Flash 13:40 - 14:00	Poster-Flash 13:40 - 14:00	Poster-Flash 13:40 - 14:00	Poster-Flash 13:40 - 14:00	
14:00		Poster Session & Networking 14:00 - 15:00 Coffee: 14:30 - 15:00	Poster Session & Networking 14:00 - 15:00 Coffee: 14:30 - 15:00	Poster Session & Networking 14:00 - 15:00 Coffee: 14:30 - 15:00	Poster Session & Networking 14:00 - 15:00 Coffee: 14:30 - 15:00	
14:20						
15:00		WP5: Jeroen van Duijnenveldt Controlling clay suspensions using polymers and surfactants 15:00 - 15:40	WP6: Marc-Olivier Coppens Invited talk: Keeping Enzymes Fit by Confinement in Nanopores 15:00 - 15:30	WP3: Bjorn Lindman Invited talk: Interplay between polymers and surfactants gives synergistic effects in formulations 15:00 - 15:40	WP7: Simon Biggs Invited talk: Functional coatings from environment responsive block copolymer aggregates 15:00 - 15:40	
15:30						
15:40		WP5: Martin Riley Contributed talk: PEPT IN A STIRRED MEDIA MILL 15:40 - 16:00	WP6: Mitall Kataran Contributed talk: NOVEL CARBON-BASED NANOCARRIERS FOR IMPROVED LOADING AND DELIVERY OF POORLY WATER-SOLUBLE DRUG 15:30 - 15:50		WP7: Stephen Yeates Contributed talk: THE ROLE OF SMALL MOLECULE-POLYMER INTERACTIONS IN NANOPARTICULATE FORMULATION 15:40 - 16:00	
15:50						
16:00		WP5: Magdalena Jasinska Contributed talk: APPLICATION OF TEST REACTIONS TO INVESTIGATE MASS TRANSFER IN TWO-PHASE LIQUID-LIQUID SYSTEMS CONSISTING OF MICRO AND NANO-DROPLETS 16:00 - 16:20	WP6: Margarita Sanchez-Dominguez Contributed talk: SELF-ASSEMBLED ZINC OXIDE NANOSTRUCTURES SYNTHESIZED BY THE OIL-IN-WATER MICROEMULSION REACTION METHOD FOR ENERGY HARVESTING APPLICATIONS 15:50 - 16:05	Round Table / Panel Discussion 15:40 - 16:20 Topic: Safety & Biocompatibility CHAIR: Dr Andreas Foerster PANELISTS: Dr Christoph Steinbach, Dr Jacques Ragot, Dr Peter Wick, Prof Barbara Rothen-Rutishauser & Prof Victor Puntjes PLEASE SUBMIT YOUR STATEMENTS FOR STARTING POINTS FOR THE PANEL DISCUSSION ON NANO- SAFETY AND SOCIETY (mailto:dst@manchester.ac.uk)	WP7: Tao Zhou Contributed talk: CHARACTERIZATION OF FLAKY ALUMINUM PIGMENTS MULTI-COATED BY TiO2 AND SiO2 16:00 - 16:20	
16:05			WP6: Faramarz Ali-ashgari Sani Contributed talk: SUGAR BASED NON-IONIC CHROMONICS 16:05 - 16:20			
16:20		121 Networking 16:20 - 17:20	121 Networking 16:20 - 17:20			
17:00						
17:15						
17:20						
18:00		Registration (17:15 - 18:00) & Welcome Reception (18:00 - 19:30)				
19:30						
20:00				Conference dinner 20:00 - late		

WP3: Formulation of Nano-Biomaterials  
 WP4: Handling and Processing of Nanopowders: Case Studies  
 WP5: Processing and stabilization of nanoparticle suspensions  
 WP6: Physical Chemistry at the Nanoscale  
 WP7: Smart and Functional Materials in Formulations: Paints, Coatings, Films and Tapes  
 WP8: Safety and Health Effects of Nanoscale Materials -Towards Sustainable and Safe Nanomaterials