

CMAC Open Day 2018

DAY 1 - Thurs 25th October 2018

Time	Programme
08:30-09:15	Registration & Refreshments
09:15-09:30	Prof Alastair Florence, CMAC Hub, University of Strathclyde Welcome and Overview
09:30	Session Chair: Dr Blair Johnston, CMAC Hub, University of Strathclyde DIGITAL DESIGN AND PREDICTIVE TOOLS
09:31-09:51	Prof Paul Chapman, The Glasgow School of Art "SimVis: Mixing the Arts and Sciences"
09:52-10:07	Dr Thomas Turner, University of Leeds "The Intermolecular Synthon Analysis Associated with the Morphology and Surface Properties of the API Lovastatin"
10:08-10:28	Prof Claire Adjiman, CMAC Hub, Imperial College London "Advances in Solvent Design for Process Development"
10:29-10:44	Dr Brahim Benyahia, CMAC Hub, Loughborough University "Pharmaceutical Manufacturing from High Fidelity Mathematical Models to Robust Process Control"
10:45-11:00	Dr Antony Vassileiou, ARTICULAR, University of Strathclyde "ARTICULAR: Using AI as an Integrator of Data for Advanced Pharmaceutical Manufacturing"
11:00-11:30	Poster Session, Interactive Demos and Exhibition Review with Refreshments
11:30	Keynote Session Chair: Prof Alastair Florence, CMAC Hub, University of Strathclyde
11:32-12:30	Keynote Presentation Prof Marianthi Ierapetritou, Rutgers University "Continuous Pharmaceutical Manufacturing: Challenges and Opportunities"
12:30-13:30	Poster Session, Interactive Demos and Exhibition Review with Lunch
13:30	Session Chair: Prof Chick Wilson, CMAC Hub, University of Bath CONTINUOUS PROCESSING MICROFACTORIES
13:31-13:51	Dr Neil Hodnett, GSK "Industrialisation of Continuous Processes: The Role of Process Simulation"
13:54-14:09	Dr John Robertson, CMAC Hub, University of Strathclyde "Overview of CMAC Hub Microfactories"
14:09-14:21	Dr Cameron Brown, CMAC Hub, University of Strathclyde "Application of Process Models to Microfactories"
14:21-14:33	Dr Omid Arjmandi-Tash, CMAC Hub, The University of Sheffield "Mechanistic Modelling of Spherical Agglomeration"

14:33-14:44	Questions for Presenters
14:45-15:00	Dr Niall Mitchell, Process Systems Enterprise Limited "Application of Mechanistic Models for the Digital Design and Online Control of Pharmaceutical Processes"
15:00-15:30	Poster Session, Interactive Demos and Exhibition Review with Refreshments
15:30	Session Chair: Dr Jagjit Srail, CMAC Hub, IfM, University of Cambridge SUPPLY CHAIN AND TECHNOLOGIES
15:32-15:52	Dr Clive Badman, University of Strathclyde "Remedies - Outputs and Benefits from a Pre-Competitive Collaboration"
15:53-16:08	Dr Ettore Settanni, CMAC Hub, IfM, University of Cambridge "Ex-ante Assessment of Continuous Technologies from a Supply Network Configuration Perspective"
16:09-16:29	Leo Manley, Eli Lilly and Company "Overview of Lilly's Drug Product Continuous Manufacturing Development"
16:30-16:45	Dr Tania Pereira Chilima, University College London "Cost of Goods Analysis of Continuous Bioprocessing for Biopharmaceuticals"
16:45-17:00	Short Comfort Break
17:00	Keynote Session Chair: Prof Alastair Florence, CMAC Hub, University of Strathclyde
17:02-18:00	Keynote Presentation Prof Jon-Paul Sherlock, AstraZeneca "Future Pharma; Driving Demand for Manufacturing Innovation"
18:00-18:15	Prof Alastair Florence, CMAC Hub, University of Strathclyde Day 1 Wrap-up
19:15-19:45	Drinks Reception, Barras Art and Design (BAaD)
19:45-00:00	Conference Dinner, Barras Art and Design (BAaD)

CMAC Open Day 2018

DAY 2 - Fri 26th October 2018

Time	Programme	
08:15-08:45	Breakfast rolls	
08:45-08:55	Craig Johnston, CMAC Introduction	
08:57-09:35	Katie Daniel, EPSRC, UKRI "EPSRC and the Manufacturing Funding Landscape"	
09:35	Session Chair: Prof Sven Schroeder, CMAC Hub, University of Leeds MEASUREMENT AND CHARACTERISATION	
09:37-09:57	Dr Caterina Minelli, National Physical Laboratory "Standardisation needs and Progresses in Nanoparticle Measurements for Pharmaceutical Applications"	
09:58-10:13	Dr Anuradha Pallipurath, CMAC Hub, University of Leeds "Shining a Light on Molecular Interactions in Organic Solids"	
10:14-10:29	Dr Lauren Hatcher, CMAC Hub, University of Bath "Control of Lovastatin Crystal Shape and Size by Additive Crystallisation Methods"	
10:30-10:40	Laila Al-Madhagi, University of Leeds, Diamond Light Source "The Structural Evolution of Imidazole during Cooling Crystallisation: An In Situ X-ray Pair Distribution Function (XPDF) Study"	
10:40-11:10	Poster Session, Interactive Demos and Exhibition Review with Refreshments	
11.10	Session Chair: Craig Johnston, CMAC TRANSLATION TO INDUSTRY	
11:12-11:32	Alan Norbury, Siemens plc "Factory of the Future – Importance of Supply Chain"	
11:34-11:54	Cait Boyd, GEA "Providing Continuous Manufacturing Platforms for Solid Oral Dose Production"	
11:55-12:15	Lynne McGregor, InnovateUK, UKRI "InnovateUK Supporting Manufacturing Innovation"	
12:15-12:45	Prof Alastair Florence, CMAC Hub, University of Strathclyde Prize Giving and Closing Remarks	
12:45 to 15:45	CMAC Prototype Demonstrations of Microfactory and its Digital Twin	Networking Lunch and Exhibition Review