



NTPMI: Growth UK Symposium, 12th - 14th November [De Vere Hotel, East Horsley, Surrey](#)

Agenda

Day 1: Introductory Afternoon; Keynote Presentations and Gala Dinner

Time	Session	Speaker
Afternoon Session Chair: Mark Rosamond		
12:00-13:00	Arrival, registration and lunch	
13:00 - 13:15	Introduction and welcome to event; housekeeping.	Peter Petrov
13:15 - 14:45	Introductory icebreaker presentations from each attending facility	Attending RTPs
14:45 - 15:15	Break	
15:15 - 15:45	Keynote Speaker, Jane Nicholson, Executive Director for the Research Directorate at the Engineering and Physical Sciences Research Council (EPSRC)	
15:45 - 16:15	Keynote Speaker: Richard Curry, Associate Vice-President for Research and Innovation, University of Manchester	
16:15 - 18:30	Check-in and Free Time	
18:30 - 20:30	Gala Dinner	

Day 2: Industry Sessions; Techniques and Expertise; Keynote Presentation

Time	Session	Speaker
Morning Session Chair: Adrian Ionescu		
09:00 – 09:40	Industry Session (1)	1. Daniel Price, NanoPrint Innovations 2. John Naylor and Adam Dorman, Kurt J Lesker
09:40-10:15	Techniques and Expertise (1) Atomic Layer Deposition	1. Sophie Pain, University of Warwick 2. Kai Sun, University of Southampton
10:15 - 10:45	Break	
10:45 - 11:25	Industry Session (2)	1. Harvey Basra, Goodfellow 2. Dominik Hamara, Inseto (UK) Limited
11:25 - 12:00	Techniques and Expertise (2) Plasma Processing	1. Sepideh Aliasghari, Henry Royce Institute, University of Manchester 2. Pavel Shashkov, Cambridge Nanolitic Ltd
12:00 - 13:00	Lunch	
13:00 - 14:20	Optional Social Walk led by Peter Petrov	
Afternoon Session Chair: Peter Petrov		
14:20 - 14:40	Industry Session (3)	1. Matthias Nestler, scia Systems
14:40 - 15:15	Techniques and Expertise (3) Physical Vapour Deposition	1. Tom Doherty, Korvus Technology Ltd. 2. Arunprabhu Arunachalam Sugumaran, Sheffield Hallam
15:15-15:45	Break	
	Techniques and Expertise (4)	
15:45 -16:15	Pulsed Laser Deposition	1. Bruno Rente, Imperial 2. Adam Lovett, UCL

16:15-16:45	Molecular Beam Epitaxy	1. Edmund Clarke, National Epitaxy Facility 2. Craig Knox , University of Cambridge
16:45 – 17:00	Metal Organic Chemical Vapour Deposition	1. Menno Kappers, University of Cambridge
17:00 – 17:30	Keynote Speaker, John Tingay, Paragraf CTO	
17:30	DAY 2 CLOSE	
18:30 - 20:30	Day 2 Evening Dinner	

Day 3: Final Morning; Shared Challenges and Solutions; Closing Presentations

Time	Session	Speaker
Morning Session Chair: Nadia Stelmashenko		
	The Career Progression Landscape for RTPs Panel Session	
09:00 - 09:20	Careers Pathways Lab	1. Sarah Allen, Technical Careers Pathways Lead, ITSS
09:20 - 09:40		
09:40 - 10:00	EPSRC and RTPs	3. Neil Robinson, Joint Head of Research Infrastructure, EPSRC
10:00-10:30		Panel Discussion
10:00 - 10:30	Break	
	Materials 4.0 Roundtable	
10:30 – 11:00	Introduction to the concept and what it means for RTPs	1. Stuart Kitney, CTO Henry Royce Institute
11:00 - 11:30	Materials 4.0 Roundtable Discussion	
11:30 – 11:45	Growth UK Platform Launch	1. Adrian Ionescu and Alexandra Robasto, University of Cambridge
11:45 – 12:00	Wrap Up, Thank You, Future Plans	Growth UK Team
12:00 - 13:00	Lunch	
13:00	CLOSE	

Keynote Speakers

Jane Nicholson

Jane Nicholson is the Executive Director for the Research Directorate at the Engineering and Physical Sciences Research Council (EPSRC).

This includes oversight of EPSRC investments in research in the core disciplines such as engineering, physical sciences, information and communication technology and maths; research infrastructure; and its investment in support for people.

As an EPSRC senior leader, she has relationship management responsibilities with key strategic partnerships.

Professor Richard Curry

Richard is an internationally recognised expert in the development and engineering of new materials and devices for photonic and quantum technologies. He is the principal investigator of a portfolio of several research grants including the EPSRC Programme Grant 'Nanoscale Advanced Materials Engineering', and maintains a strong set of national and international collaborations and contributes to policy discussion around the areas of advanced materials, semiconductors and quantum technologies.

Richard joined the University of Manchester in 2016 as Professor of Advanced Electronic Materials, and has successfully delivered a range of leadership roles including as Director of the Photon Science Institute, Director of Science for Royce at Manchester, Associate Dean for Institutes, and most recently Vice-Dean for Research and Innovation in the Faculty of Science and Engineering.

Previously Richard was Professor of Photonics in the Advanced Technology Institute at the University of Surrey. He has published over 175 papers and contributed to numerous technical reports, technology roadmaps and policy papers. He has a strong record of ensuring equality, inclusion and diversity are embedded within his research and in delivering high-impact outreach activities.



John Tingay, Paragraf CTO

Using Paragraf's proprietary graphene synthesis process John and his team have been developing graphene devices and understanding of the processing of 2D materials at Paragraf. John has led development of capital equipment in

the semiconductor and electronics industries for over two decades, spanning across wide-ranging technology areas from front end to packaging applications.

In these positions, John has been responsible for bringing novel technologies and processes to the industry and supporting the introduction of products by top tier consumer electronics companies. His experience of the business and technology acquisition process from a multinational corporate viewpoint has led John to hold several non-executive positions in high technology companies within in the semiconductor and advanced imaging markets. John has also worked in the development of systems for particle accelerators and Synchrotron physics, after starting his career in consulting engineering.