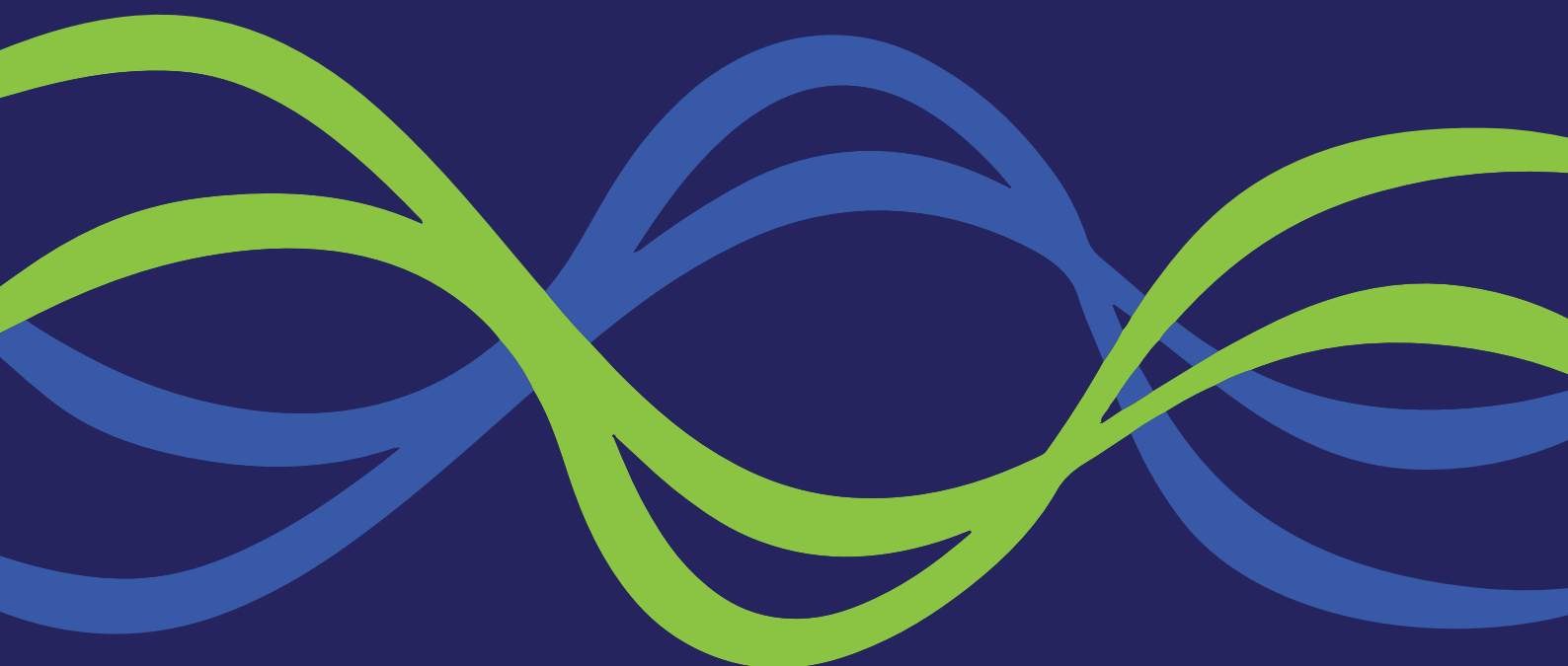


Microfluidics Focus Group Meeting

Diamond Light Source, 6 June 2017



Invited Speakers:

Jerome Charmet, Warwick University

Giuliano Siligardi, Diamond

Maiwenn Kersaudy-Kerhoas, Heriot-Watt
University, Edinburgh

Vasily Kantsler, Warwick University

Joshua Edel, Imperial College London

Julien Reboud, Glasgow University

Sally Peyman, Leeds University

Welcome Note

On the 6th June 2017, Diamond Light Source will hold a one day Microfluidics Focus Group Meeting. The event will be held at Diamond Light Source. The registration fee is £30, which includes refreshments and lunch. Registration is limited to 30 places.

The B23 team will summarise current capabilities both in hardware and software as well as novel applications in both the physical and life sciences and update on current developments.

There will be discussion session where we encourage you to give us feedback on your experience at the beamline and any further requirements in the future from B23.

For details of the meeting and to register please visit the website, www.diamond.ac.uk/Home/Events/2017/B23-Microfluidics-Focus-Group.html

We look forward to welcoming you to Diamond.

With best regards,

Rohanah Hussain, Diamond Light Source

Giuliano Siligardi, Diamond Light Source

Jerome Charmet, Warwick University

Tuomas Knowles, Cambridge University

Program

09:00 Registration, Coffee

Chair: Jerome Charmet, Warwick University

09:30 Welcome note – Rohanah Hussain, Diamond Light Source

09:40 Talk 1 “Update on B23 and applications of SRCD on Microfluidics”, Giuliano Siligardi, Diamond Light Source, UK

10:10 Talk 2 “Solutions for ultra-fast microfluidic rapid-prototyping and sustainable prototyping”, Kersaudy-Kerhoas, Maiwenn, Heriot-Watt University, Edinburgh

10:40 Talk 3 “Swimming navigation in-micro”, Vasily Kantsler, Warwick University

11:10 Break/Photo

11:40 Talk 4 “Single Molecule Microfluidics”, Joshua Edel, Imperial College London

12:10 Talk 5 “Microfluidics using surface acoustic waves on piezoelectric materials - non-contact acoustofluidic actuation”, Julien Reboud, Glasgow University

12:40 Lunch

Chair: Rohanah Hussain, Diamond Light Source

13:30 Talk 6 “Microfluidics for biomedical research: from diagnostic to nanomedicine synthesis” Sally Peyman, Leeds University

14:00 Talk 7 “Microfluidic devices fabricated using soft lithography for the study of protein structures using synchrotron radiation circular dichroism”, Jerome Charmet, Warwick University

14:30 Feedback and discussion with coffee break

16:00 End of workshop