From: Richard Fu, Northumbria University
Subject: Meeting of Special Interest Group in Acoustofluidics
Date & location: 16 June 2023 (09:00-16:30), Dyson Institute of Engineering and Technology (DIET), Malmesbury
Details: https://fluids.ac.uk/sig/Acoustofluidics

The meeting will be focused on our Acoustofluidic communities, especially Early Career Researchers, around the theme of novel future applications of acoustofluidics. We will aim to:

- Explore interests and opportunities in the applications of acoustofluidics around three proposed sub-themes of 'Cell/particle manipulation and principles', 'Droplets, surfaces and transportations' and 'Tissue engineering and biomedicine";
- Explore the potential application of acoustofluidics in wearable sensors and lab-on-chip applications;
- Exchange on the different routes and challenges to enable impact in research on acoustofluidics.

Proposed Agenda

9:00 - 9:20:	Registration (Coffee and Tea)
9:20 - 9:30:	Welcome and safety
9:30 - 10:20:	Invited Keynote speaker, Professor Bruce Drinkwater (University of Bristol) on 'Twisted sound – trapping, moving and rotating objects with acoustic vortices'
10:20 - 12:30:	Technical presentation session
12:30 - 14.00:	Lunch and poster section (with Group Photo)
14:00 - 14:50:	Keynote invited speaker Professor Richard Fu, Northumbria University at Newcastle, 'Olympics in Acoustofluidics: higher, faster, stronger and better!'
14:50 - 15:50:	Impact presentations, experimental demonstrations /or technical showcase (simulation/experiment) (to be decided)
15:50 - 16:30:	Technical presentation session and open discussions (with tea and coffee) An opportunity to discuss the challenges in the application of acoustofluidics in industry.
16:30 - 16:40:	Future SIG meeting decision/ Thank you and goodbye.

Who May Attend

All academic staff, Research Fellows, postdoctoral researchers and PhD students are invited.

Confirming Attendance

For attendance, please reply to Mehdi.Biroun@Dyson.com.

We'd appreciate replies on whether you can attend or not. Please also indicate any dietary matters we need to consider for lunch (vegetarian/vegan/gluten-free, etc). This information will help us with room sizes and catering.

Travel and Maps

Here are some options for travellers to consider:

By Air: The nearest international airport to the Dyson Institute of Engineering is Bristol Airport (BRS), approximately 30 miles away. From Bristol Airport, travellers can take a taxi, hire a car, or use public transport to reach the institute.

By Train: The nearest railway station to the Dyson Institute of Engineering is Chippenham Railway Station, approximately 8 miles away. From Chippenham Railway Station, travellers can take a taxi or public transport to reach the institute. We are trying to arrange shuttle travel from Chippenham train station to DIET, but this will be decided later.

By Car: Travelers coming by car can use this pinpoint on the map.

Contact

If you have any problems or queries, please get in touch with Dr Mehdi Biroun at Mehdi.Biroun@Dyson.com.