



UK Fluids Network SIG: Evolving Interfaces in Complex Flows

Meeting on Industrial and Scientific Problems in Interfacial Fluid Mechanics

9th-10th July 2018, University of Keele

Location: Elizabeth Room, Keele Hall

Organisers:

Shailesh Naire and John Chapman (Keele),

John Billingham (Nottingham), Mark Blyth (UEA), Jamal Uddin (Birmingham)

The aim of the meeting is to bring together researchers in Engineering and the Physical Sciences with a practical interest in evolving interfacial flows. The format is designed to facilitate in-depth discussion of current open problems.

Campus accommodation is available. We can provide financial support for PhD students and Postdocs.

To register, please contact: c.j.chapman@keele.ac.uk

Programme

Monday 9th July

1.00pm *Lunch*

2.00pm Introduction and welcome – Shailesh Naire

2.05pm **Vortex sheets and sound production**, John Chapman, Keele

3.05pm *Coffee and biscuits*

3.35pm **Heavy-duty pumps**, Joe Meakin, EMS Industries, Ltd (TBC)

4:35pm **Turbulence in stellar evolution**, Raphael Hirschi, Keele

7pm *Dinner, Chancellor's Building refectory*

Tuesday 10th July

9.30am **Granular flows in geophysics**, Chris Johnson, Manchester

10.30am *Coffee and biscuits*

10.45am **A fractal set of neutral curves in stably stratified flow**, Jonathan Healey, Keele

11.45am **Discussion of future work**

1pm *Lunch*