Applied and Computational Complex Analysis: ACCA-UK/BR
Second International Workshop
Thursday May 24 2018

Organizers: Darren Crowdy & Sheehan Olver

Sponsored by the Royal Society (International Exchanges Scheme) and the Department of Mathematics, Imperial College London (Platform Grant)
All presentations will take place in Huxley 140 (basement). Tea/coffee breaks will take place in Huxley 747 (7th floor).

- 9.00 – 9.30: REGISTRATION (747 Huxley)
- 9.30 – 10.00: Tiago Anselmo (UFPE, Brazil) – “Schwarz-Christoffel accessory parameter for quadrilaterals via isomonodromy”
- 10.00 – 11.00: Bruno Carneiro da Cunha (UFPE, Brazil) – “The isomonodromic approach for constructing conformal maps”
- 11.00 – 12.00: Giovani Vasconcelos (Federal University of Paraná, Brazil) – “Exact solutions for the unsteady motion of multiple bubbles in a Hele-Shaw cell”
- 12.00 – 13.00: Lunch break/Discussions (747 Huxley)
- 13.00 – 13.45: Matt Turner (University of Surrey, UK) – “Numerical simulation of fluid sloshing in rectangular vessels using conformal mappings”
- 13.45–14.45: Nick Moore (Florida State University, USA) – “Riemann-Hilbert problems to link flow-driven erosion, dissolution, and melting”
- 14.45 – 15.30: Eriv Keaveny (Imperial College London) – “Linking individual and collective motion of swimming cells”
- 15.30 – 16.00: Tea/coffee break (747 Huxley)
- 16.00 – 17.00 Elizabeth Guazzelli (Aix-Marseillle U, France) – “Falling clouds of particles”
- 17.00 – 18.30: Wine and Cheese Welcome Reception (747 Huxley)