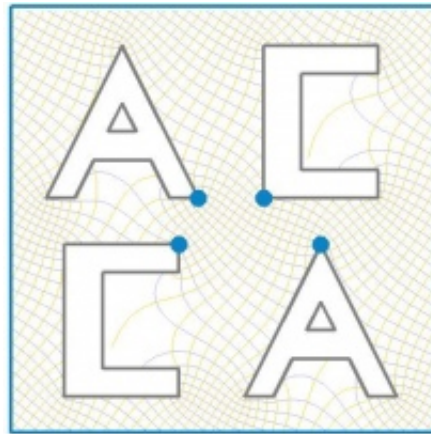


Applied and Computational Complex Analysis: ACCA-UK/BR
Second International Workshop
Thursday May 24 2018

Organizers: Darren Crowdy & Sheehan Olver



Sponsored by the Royal Society (International Exchanges Scheme) and the Department of Mathematics, Imperial College London (Platform Grant)

Thursday May 24

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-Marseille U, France) – “*Falling clouds of particles*”
- 17.00 – 18.30 : Wine and Cheese Welcome Reception (747 Huxley)