1st Early Career Applied Mathematics Meeting: Complex and Numerical Analysis

Where: Online, via Zoom (link below)
Date: Thursday, March 18th, 2021
Time: 12:45 – 17:30 GMT

Organisers: Vikas S. Krishnamurthy   Elena Luca
                  (University of Vienna)   (University College London)

❀ **Program** ❀

12:50–13:00 Welcome

13:00–13:30 Yuuki Shimizu (Kyoto University)

"A current–valued solution of the Euler equation and its application"

13:30–14:00 Anastasia Molchanova (TU Vienna)

"Charged elastic materials: a variational viewpoint"

14:00–14:30 Matthew Colbrook (University of Cambridge)

"Diagonalising the infinite: How to compute spectra with error control"

14:30–14:45 Break

14:45–15:15 Maria Christina Van Der Weele (University of Cambridge)

"Dirichlet–to–Neumann map for evolution PDEs on the half–line with time–periodic

boundary conditions"

15:15–15:45 Peter Baddoo (MIT)

"The theory of interacting aerofoils"

15:45–16:15 Todd Christopher (UC San Diego)

"Hollow vortex in a corner"

16:15–16:30 Break

16:30–17:30 Plenary talk by Professor Demetrios Papageorgiou (Imperial College London)
"Waves on the microscale: Order, chaos and its control"

More information, including abstracts for the talks, can be found at the link below:
https://mat.univie.ac.at/~krishnamurthy/ecamm.html

You can join the meeting using the following zoom link:
https://ucl.zoom.us/j/97777010027?pwd=WDJKYUp2a2Flb1hCS1ltN1NIc0JyQT09
Meeting ID: 977 7701 0027   Passcode: 209100