

# UCL-ICL postgraduate mathematics conference

27<sup>th</sup> April, 2018

Conference schedule:

08:45	<b>Registration</b>
09:00	<b>Welcome</b>
09:10	<b>Nanxin Wei (ICL)</b> <i>Cascade-recovery dynamics on complex networks</i>
09:35	<b>Albert Wood (UCL)</b> <i>Isoperimetric inequalities and geometric flows</i>
10:00	<b>Rory Brittain (ICL)</b> <i>Differing strategies for thermodynamic exploitation of structured environments with limited memory</i>
10:25	<b>Coffee break</b>
11:00	<b>Belgin Seymenoğlu (UCL)</b> <i>Invariant manifolds of the selection-recombination model from population genetics</i>
11:25	<b>Josie Park (ICL)</b> <i>Lagrangian transport in an idealised oceanic meandering jet</i>
11:50	<b>Dr. Jason Lotay (UCL)</b> <i>The heat equation</i>
12:50	<b>Lunch break</b>
14:00	<b>Hugo Castillo Sánchez (UCL)</b> <i>Elastic instabilities in channel flow of thixotropic-visco-elasto-plastic materials</i>
14:25	<b>Maria Jacob (ICL)</b> <i>Extremes in household electricity load profiles</i>
14:50	<b>Márton Mester (UCL)</b> <i>The polar vortex and the stochastically-forced Kida model</i>
15:15	<b>Coffee break</b>
16:00	<b>Prof. Nick Bingham (ICL)</b> <i>Regular variation: foundation and its applications</i>
17:00	<b>Closing and prizes</b>