

From: Eric Keaveny, Imperial College London, 26/3/2024

Subject: Euromech Colloquium on 'Nonlinear dynamics at zero Reynolds number'

We are happy to announce the upcoming Euromech Colloquium on 'Nonlinear dynamics at zero Reynolds number' at Imperial College London from 21st-23rd May 2024 – see the Colloquium website, <https://645.euromech.org/>, for full details. Abstract submission is open until **10th April** and registration will open very soon!

The Colloquium will focus on nonlinear phenomena arising in elastohydrodynamics (active/passive filaments) and hydrochemical couplings (phoretic particles, Marangoni propulsion, ...). We aim for the Colloquium to attract both theoreticians and experimentalists in these exciting and sometimes connected areas. An important dimension of the Colloquium is to provide a forum for an exchange of techniques and methodologies (computational dynamical systems, asymptotic analysis, experimental and simulation techniques) between researchers on these topics, as well as explore the commonalities and differences between the mechanisms of instability that are encountered.

There will be approximately 25 invited speakers and 15 selected talks. A wine reception and dinner will take place in 170 Queen's Gate, a historic mansion house on Imperial College's campus. We hope to see you in London in May!