

# Flowing matter

## Objectives

- Support the scientific research for the development of a unified picture of flowing matter.
  - to support the fundamental research in complex fluids, active matter and complex flows;
  - to stimulate the development of novel multi-scale methods and models;
  - to disseminate the results towards other communities;
  - to foster the multidisciplinary / multisectorial training of ESRs;
  - to promote ESRs commitment towards outreach activities.
- state-of-the-art research covering a broad scientific ambit
  - scientific publications in high impact journals;
  - multi-scale analytical and numerical models for flows in complex geometries of relevance for industries;
  - a centralized database of resources open to the full scientific community
  - an online collection of seminars and web-based dissemination material;
  - final activity report including self-evaluation;
  - annual prizes for ESRs: two annual prizes for outstanding ESRs research and outreach activities

## Working Groups

- WG 1: Experimental techniques
- WG 2: Numerical techniques
- WG 3: Analytical techniques
- WG 4: Applications, dissemination and outreach

## Main Achievements

- The Action just started and will have its first scientific meeting in December 2014 in Lisbon.

## Gender Balance and Early Stage Researcher

- The Action nominated an Ombudswoman, responsible to promote a more balanced gender balance in the Action membership.
- Active seeking ESRs for leading position for WGs / topical areas leadership. MC attention to involvement of ESRs to Action event organization, e.g. as local organizers

## Dissemination

- Planned: website.
- The dissemination material will consist in the development of a specific dissemination material for the COST Action (e.g. brochures)..



## Participating countries: 36

AT, BE, BG, CH, CY, DE, DK, EE, ES, FI, FR, HR, HU, IE, IL, IS, IT, LT, LU, LV, NL, NO, PL, PT, RO, RS, SI, SE, TR, UK

## Internat. Collaboration:

None.

## Contact details

### Chair of the Action

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### Domain Committee Rapporteur

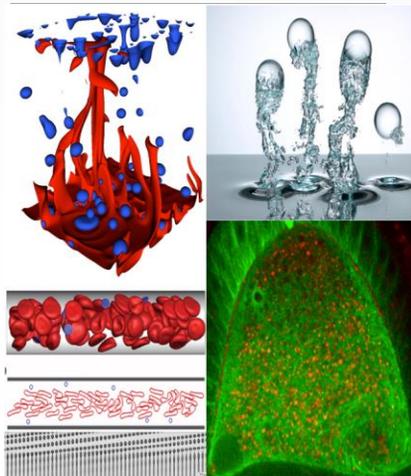
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### Action Website

[mtp.phys.tue.nl/mp1305](http://mtp.phys.tue.nl/mp1305)



Complex flows at all scales



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