

COST Action no. MP1106
2012|2016



2nd year of the Action

Smart & Green Interfaces:

From Single Bubbles/Drops to Industrial/Environmental/Biomedical Applications

Objectives

- Organize a Europe-wide interdisciplinary cooperation platform directed towards scientific added value and improvement of industrial/environmental/medical applications concerning interfaces, bubbles and drops
- Identify and implement best strategies and means to tailor Smart & Green interfaces and accurately control their performance by concerted action of the most active European research institutes and companies in the field

Working Groups

- WG 1: Fundamentals
- WG 2: Materials
- WG 3: Diagnostics
- WG 4: Technology
- Early Stage Researchers Group

Main Achievements

- Organization of three (3) Workshop Meetings: 04-06.09.13, Sofia, 03-04.10.13, Zaragoza, 13-14.11.14, Cargese.
- Organization of the Annual Workshop "Smart and Green Interfaces": 22-24.04.14, Marseilles.
- Organization of the one (1) Core Group Meeting: 13-12-2013, Teleconference.
- Three (3) training schools: 16-18.07.2013, Thessaloniki, 02-05.04.2014, Bonassola, 05-10.05.2014, Darstadt.
- 12 STSMs
- 88 joint publications have been published or submitted for publication
- Several joint research proposals have been submitted both to EU and to national programmes, some of which have been accepted for funding
- Round tables in annual workshop with respect to six Thematic Clusters targeting specific applications with the aim to submit proposals for Horizon 2020 Research Calls

Gender Balance and Early Stage Researcher

- A special session devoted to gender balance in European science has been organized during the Annual Workshop Meeting (22-24.04.14, Marseilles).
- In the framework of gender balance measures a competition for the design of Action's logo has been organized.
- A special session devoted to ESR has been organized during the Annual Workshop Meeting (22-24.04.14, Marseilles).
- From the 12 STSMs, 10 were conducted by Early Stage Researchers.
- ESRs are 45% of the total participants in all activities of the Action's 2nd year.

Dissemination

- Active website for exchange of information and for making public the action activity
- Updated regularly, with the Minutes of all meetings and the MC along with important presentations of the various meetings and other relevant information
- System of distribution of messages to all participants about the forthcoming events and about open working and training positions

www.cost.eu/mpns

Materials,
Physics &
Nanosciences
(MPNS)



Participating countries: 32

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

Internat. Collaboration:

AU, CA, NZ, US.

Contact details

Chair of the Action

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Domain Committee Rapporteur

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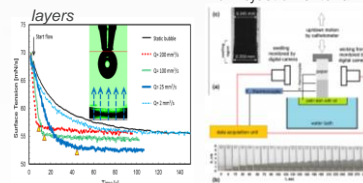
Action Website

<http://cost-mp1106.lcpe.uni-sofia.bg/>

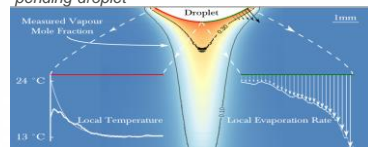
new experimental

protocol: investigating
dynamic adsorption

rapid test for setting
oil rejection criteria



vapor mole fraction field surrounding an evaporating
pending droplet



Nanoparticle interfacial layers to foams & solid foams



2013 highlights



COST is supported
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