

Training School #1 Schedule
10th – 12th October 2017
Location: Biblioteca. Reitoria da Universidade de Lisboa
1649-004 Lisboa, Portugal

10th October

14.30 – 15.30. Prof. J. Enrique Julia (Universitat Jaume I, Spain). Welcome Lecture (Introduction to Nanofluids, NANOUP TAKE COST Action and NANOUP TAKE Training Schools)

15.30 – 16.30: Dr. Boris Pedrono (Cordouan Technologies, France), Mr. Fernando Steinbrüggen (IFI, Spain). Introduction to Dynamic Light Scattering Techniques.

16.30 – 17.00: Coffee break.

17.00 – 19.00: Dr. Boris Pedrono (Cordouan Technologies, France), Mr. Fernando Steinbrüggen (IFI, Spain), Prof. J. Enrique Julia (Universitat Jaume I, Spain). Practical Workshop of Dynamic Light Scattering Measurements in nanofluids at high temperature conditions.

11th October

09:15 – 10:45: Prof. Simone Mancin (University of Padova, Italy). Best Practice on Single and Two-Phase Heat Transfer with Nanofluids. Tips and Tricks for Medium and High Temperature Nanofluids

10.45 – 11.15: Coffee break.

11.15 – 12.45. Dr. Zan Wu (Lund University, Sweden). Application of nanofluids in heat exchangers: performance and challenges.

13.00 – 14.30: Lunch break.

15.00 – 16.30. Dr. Matthias Buschmann (ILK Dresden gGmbH / University of Dresden). Are nanofluid flows sufficiently described employing effective medium theory? - Similarity analysis of nanofluid flow.

16.30 – 17.00: Coffee break.

17.00 – 18.30. Dr. Helena Navarro (BCES, University of Birmingham, UK). Characterization Techniques of nanofluids for heat transfer applications: methods and challenges

12th October

09:15 – 12:45: Prof. Sohel Murshed and Prof. Carlos Nieto de Castro (Universidade de Lisboa, Portugal). Preparations, Properties and Performances of Nanofluids and Ionanofluids, and Visit to laboratories.