

Welcome to the first newsletter of 2017!

We hope you all had a great break and are now back into full swing. We have a really exciting year coming up with the first ARBRE-MOBIEU Plenary meeting in Porto on 22nd-24th March and a Satellite to the EBSA congress in Edinburgh on the 20th-21st of July. There will also be the opportunity for WGs to get together later in the year.

ARBRE-MOBIEU plenary meeting in Porto - 22nd-24th March 2017

The meeting “**b₃ - Building Bridges in Biophysics**” is to be held at the i3S Institute for Research and Innovation in Health, University of Porto (Portugal).

Local registration will be open from the morning of March 22nd and the meeting will start at 14:00. There is already an excellent line-up of **speakers** such as Borries Demeler (San Antonio, USA), David Goodall (York, UK), Fredrik Höök (Gothenburg, Sweden) and Nuska Tschammer (Munich, Germany), along with **innovations** from Beckman-Coulter, Bionavis, Dynamic Biosensors, Forte-Bio/Pall, Malvern, Nanotemper and Wyatt. You will also hear from the short-term scientific missions (**STSM**) that have been completed so-far. The meeting will end at 13:00 on March 24th. Full schedule is available at: <http://arbre-mobieu.eu/arbre-mobieu-2017-plenary-meeting/>.

Register on line at <https://www.ibmcp.up.pt/eventos/registracionnew.php?eid=140>

There are **15 scheduled talks** from the community, so get your abstracts in quick! **Abstract submission** is extended to the 24th of February; submit yours at: <https://www.ibmcp.up.pt/eventos/registracionnew.php?eid=141>

There will also be the chance to **meet** with all the working groups or to **get involved** if you are not yet in one.

Porto airport and the meeting venue are conveniently connected by public transportation and it takes about 45 min for the connection. Please look at the link below that was prepared by the local organizers for hotel suggestions: <https://www.ibmcp.up.pt/eventos/Hoteis.pdf>

Satellite to the EBSA2017 conference in Edinburgh - 20th-21st July 2017

“**Biophysical Approaches to Protein Folding and Disease**” is a satellite meeting to the European Biophysical Societies congress (EBSA2017) in Edinburgh (UK) and can be accessed whether you are participating in the congress or not. This meeting will be focused on how molecular-scale biophysical methods can be applied to the study of the biomedically-pressing issue of protein misfolding. It will notably provide an opportunity for ARBRE-MOBIEU to explore new joint research projects on this topic and beyond.

The meeting will start at 15:00 on July 20th and finish at 18:00 on the 21st. We have keynote talks from Tuomas Knowles (Cambridge, UK), Maria Pennuto (Trento, Italy) and Sheena Radford (Leeds, UK) and 12 slots selected from submitted abstracts.

A call for abstracts to this meeting is open and accessible at: <http://www.arbre-mobieu.eu/ebsa-satellite/> .

There is a €50 fee for ARBRE-MOBIEU members, but travel, accommodation and meals can be reimbursed through the COST procedures. Non members fee is €100.

Reminder – Survey on purified protein quality control

There is a very slow response from people filling in the Google form to promote and implement quality control guidelines within and beyond our network. Please take a moment to **participate!**

We are gathering data on purified protein quality (data on 5-10 samples per institution will be sufficient). You can access the Google form via <http://goo.gl/forms/aFS8CkH96s>

Publications

Check out this book recently edited by our member **Margarida Bastos** on the hot topic of calorimetry in biology: “**BIOCALORIMETRY: FOUNDATIONS AND CONTEMPORARY APPROACHES**”, CRC Press, Taylor & Francis Group, Boca Raton, FL, ISBN: 978-1-4822-4665-0.

The book deals both with DSC and ITC, thermodynamics and kinetics and their use with proteins, DNA and membranes. It also contains a part on the history of biocalorimetry, with chapters from the founders/developers of these instruments.

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ARBRE-MOBIEU - COST Action 15126

COST (European Cooperation in Science and Technology) is a pan-European intergovernmental framework. Its mission is to enable break-through scientific and technological developments leading to new concepts and products and thereby contribute to strengthening Europe's research and innovation capacities.

