

## Reminders

The registration deadline to participate to our **3<sup>rd</sup> plenary meeting in Zagreb** has been extended to January 31<sup>st</sup>. Hurry up and enter your details online at:

<https://arbre-mobieu.eu/zagreb-2019-registration/>

The application deadline to organise a joint Training school **Instruct-ERIC & ARBRE-MOBIEU** is approaching. Remember to fill in the template form and upload it before January 30<sup>th</sup> on either of the two websites: <https://arbre-mobieu.eu/instruct-eric-arbre-mobieu/> or <https://instruct-eric.eu/submit-call/instruct-eric-and-arbre-mobieu-joint-training-call>

## Announcements

**STSM:** 8 applications (ranging from 9 to 33 days) have been awarded in this 5th call. If you wish to perform a “last-minute” short mission, to be completed before the end of April 2019, send **Ondrej Vanek** an enquiry mail, before submitting a proposal on-the-fly.

ARBRE-MOBIEU is seeking to appoint a “**Science Communication Manager**” among our members, following a request from the COST office. The objective of this new leading position is to build a full network-wide communication strategy, beyond the simple “dissemination” of Action’s outcomes. The Science communication manager is also the contact point for the COST communications team and the COST Academy, helping to better manage the communications part of the Action, while receiving maximum of COST support. Further information at: <https://www.cost.eu/academy/science-communication-managers/>. Candidates should contact **Patrick England** before the end of February. The Science Communication Manager will be selected during the Zagreb plenary meeting.

We are open to applications for grants to participate in **international conferences** taking place in fields relevant to ARBRE-MOBIEU before the end of April 2019. More info available at <https://arbre-mobieu.eu/arbre-mobieu-inclusiveness-target-country-conference-grant-scheme-2018-2019/>

## News from the WGs

**WG2** - The 'Joint Research Projects' group organised a small, but effective meeting in Amsterdam to set up writing activities for a **H2020-ITN-ETN** grant. Nine ARBRE-MOBIEU members (7 labs and 2 facilities) applied for the funding of such an 'Innovative Training Network' on protein-metabolite interactions in cancer coordinated by Malgosia Adamczyk. It included graduate training projects and training through general molecular biophysical techniques; it also involved 2 SME.

A one-day meeting for the development of an **IR data repository** was organized by Tina Daviter to agree meta data and data standards with IR specialists. The meeting was invaluable to join up the subject specific and computational considerations of the project.

**WG3** - 2 applications have been awarded to organize training schools in the top techniques ranked by the survey:

- ARBRE-MOBIEU “Macromolecular interactions *in vitro*: comparing classical and new approaches”. Gif-sur-Yvette (France); 3-7 June 2019

- ARBRE-MOBIEU, Instruct, FEBS “Workshop for the hydrodynamic and thermodynamic analysis of biological macromolecules and their interactions: multi-method approaches and global data analyses”. Grenoble (France); 26-31 January 2020.

## News from the WGs (continued)

**WG4** - A benchmarking study on **microscale thermophoresis** (MST) using a protein:small molecule and a protein:protein system was initiated and 34 labs agreed to participate. Although the start had to be slightly delayed we are looking forward to a comprehensive and very fruitful study.

**WG6 - NANION**, a platinum sponsor of our 3rd plenary meeting, is going to demonstrate on real samples the capabilities of the Orbit mini throughout the meeting. Take this opportunity to bring your own protein and try Nanion's Orbit mini yourself. For more details about the Orbit mini, please visit: <https://www.nanion.de/en/products/orbit-mini.html>

**Biodesy** (<http://www.biodesy.com/>), another sponsor of our plenary meeting, will host two preliminary webinars about its Delta™ instrument (15<sup>th</sup> Feb and 1<sup>st</sup> Mar at 3.30 pm CET). The Delta™ utilizes second harmonic generation to sensitively and mass-independently measure subtle (sub-Å) biomolecular structural changes. This biophysical tool enables screening for on-target interactions with structural insights related to mechanism/function against a variety of targets, from RNA to large protein complexes.

More info and registrations at: <https://bit.ly/2B1SsWS>

## News around the Network

\* Malvern Panalytical Symposium on Biophysical and Particle Characterization - Cambridge; February 19<sup>th</sup> 2019:

<https://www.malvernpanalytical.com/en/learn/events-and-training/live-events/seminar/S181107BioSymposium.html>

\* 6<sup>th</sup> Novalix Conference on Biophysics in Drug Discovery - Cannes; 20-22 March 2019: <https://www.novalix-conferences.org/> (ARBRE-MOBIEU contact: *Jean-Paul Renaud*)

\* 2<sup>nd</sup> Challenges and opportunities in protein analytics - Brussels; 29 March 2019 (ARBRE-MOBIEU contact: *Erik Goormaghtigh*)

\* International conference on protein stability and interactions - Heidelberg; 1-2 April 2019: <https://www.proteininteractions.eu/home/> (ARBRE-MOBIEU contact: *Werner Streicher*)

\* Membrane Biophysics of Exo-Endocytosis: from Model Systems to Cells - Mandelieu, France (close to Cannes); 3-6 April, registration deadline is January 31st. Further information at: <http://biophee-19.fr/> (ARBRE contact person: *mus-veteau@ipmc.cnrs.fr*)

\* EBSA 2019 congress - Madrid; 20-24 July 2019 (<http://www.ebsa2019.com/index.php>) ARBRE-MOBIEU will be organizing a symposium on “Emerging breakthrough molecular-scale biophysics methodologies” (ARBRE-MOBIEU contacts: *Isabel Alves* and *Patrick England*)