

Newsletter n.4

Dear ARBRE members,

It's the end of 2023 and ARBRE is getting ready to an exciting new coming year. During the last 12 months ARBRE has organised a symposium around its annual General Assembly (June '23) and co-organised a successful parallel session at EBSA2023 in Stockholm (Aug '23).

The association has been also officially presented at the EBSA Executive Committee and there will be the possibility to be accepted as member of the EBSA as a transnational association. This will be discussed throughout 2024 and a final answer will be given at EBSA2025 in Rome (June '25).

ARBRE has also been officially registered at the European Union participant portal and participated to a EU-WIDERA-Twinning project on the biophysics of extreme marine environment. Fingers crossed until february 2024 ;-)

More to come in 2024 \rightarrow in the next pages

Remember that the website <u>https://www.arbre-biophysics.eu</u> still needs your help to feed its content, send an email to <u>info@arbre-biophysics.eu</u> to get involved.

Last, but not least, in January '24 you will receive a mail to renew your registration fee by bank transfer from wherever you are (even outside SEPA).

With my best wishes for a happy end of the year,

Johnson Grin Minde

Adriana Erica Miele President of ARBRE

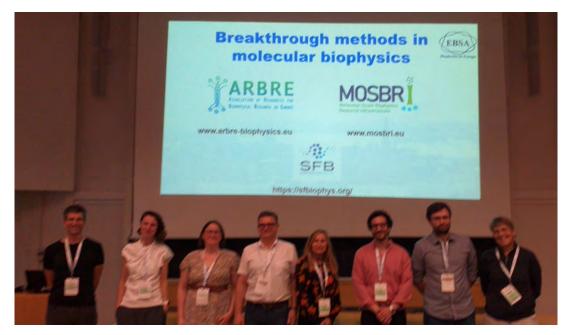
Lyon, December 12th 2023

Report on MOSBRI-ARBRE @ EBSA2023

The parallel session "Breakthrough methods in Molecular biophysics" was held on august 4th, the last morning of the conference. Despite being an early wake up after the social dinner, about 90 people attended the session, which was animated by ARBRE members Isabel Alves and Tomasz Kobiela.

All the six interventions, both invited and selected, were high level and the discussion was very lively. We learned about: label-free microscopy for interaction studies; Tau regulation of microtubules; coupling AFM with infrared spectroscopy; ultrafast optical trapping; single particle profiling; the yin and yang of biosensors.

In the official feedback forms, the session was very much appreciated: thanx to all the attendees and responders!



From left to right: Zdenek Lansky, Barbora Spakova, Cécile Feuillié, Tomasz Kobiela, Isabel Alves, Giulio Bianchi, Taras Sych and Helena Danielson

Announcements

Registration deadline is approaching for the **28th School of Pure and Applied Biophysics** "Molecules IN(ter)ACTION" \rightarrow December 16th

https://venice2024.ibf.cnr.it

The school will be in the beautiful Palazzo Franchetti in central Venice from February 5^{th} to 9^{th} 2024.

A range of experimental techniques for tracking both *in vitro* and *in vivo* biochemical reactions and other processes crucial to life will be explored.



ARBRE will be present at the **3rd MOSBRI Annual Conference** in beautiful Ljubljana (June 10th – 13th 2024).

Members Josef Houser and Patrick England will be in charge of the organization of the session "Emerging approaches in Biophysics". There are bursaries available to PhD students and reduced fees for early bird registration.

ARBRE will offer a prize to the best poster presentation \rightarrow submit your abstract. Visit the website for more info:

https://www.mosbri.eu/events/conferences/ljubljana-2024/



Practical courses announcements



MOSBRI end user short course (ESC8) on "Basic and advanced protocols in biological calorimetry" at BIFI-Lacrima, Zaragoza (Spain)

July 8th -10th 2024