



Newsletter n.7

Dear ARBRE members,

2024 has been very fruitful for ARBRE: in June, we were present at the European South Atlantic Biophysics Congress **ESAB2024** in San Sebastian (ES) and at the **3rd MOSBRI** annual conference in Ljubljana (SLO), where our **annual general assembly** in hybrid form was hosted.

ARBRE sponsored poster and short talk prizes in both venues, all of which included a complimentary 1 year subscription to the Association.

Between the end of July and beginning of August, the MC and BoD have been renewed with an online election supervised by Pedro Tavares and Salvatore Adinolfi. 75% of the members voted. The new MC list has been deposited in the prefecture and we are waiting for the official authorization.

In the meantime, the website is continuously updated by Roman Szczepanowski, you can find there all the announcements for jobs and events, as well as the pdf of the newsletters.

We need volunteers for the WG "Membership & Communication" → send an email to info@arb-re-biophysics.eu to be included.

We need all of you to keep ARBRE up & running and strengthen our community.

Next year announces to be as lively or even more with your help, therefore remember to renew your subscription in January 2025!

In the meantime, I wish you all the best for this season and look forward to implement ARBRE's activities with your involvement.

With my best wishes,

Adriana Erica Miele
President of ARBRE (re-elected)

Lyon, December 19th 2024



2024 Annual Report

ESAB2024 in Donostia San Sebastian (ES) was very successful, bringing together the biophysics societies of Spain, Portugal and France. ARBRE, represented by Aitziber Cortajarena, awarded the best poster prizes to Nicolas Moreno and Vicky Ury-Thierry. Congratulations and welcome to ARBRE!



MOSBRI 2024 in Ljubljana (SLO) saw the participation of about twenty ARBRE members at the conference and 34 members in the hybrid Annual General Assembly in the afternoon of June 11th. Networking with participants made ARBRE being (re)discovered and new subscriptions arrived through the website. Moreover ARBRE sponsored 3 prizes to Osvaldo Burastero, Karim Ben Ali Gacem and Jehan Waeytens. Congratulations and welcome onboard!



Elections of President and Management Committee 2024-2027

The first mandate of the President and MC came to an end in July 2024, therefore at the 3rd GA we collected the candidatures of members willing to be part of the MC. Following the rules in the Statutes and in the Internal bylaws (see our website), at the end of July, for a period of 10 days, online elections were open on Balotilo. All the members having paid their 2024 annual subscription were invited to vote. The elections were supervised by Pedro Tavares and Salvatore Adinolfi. 75% of the members casted one preference for the president (1 candidate) and up to 5 preferences for the MC (10 candidates). The elected MC then chose among themselves the representatives of the Board of Directors.

Here it is the new governance:

- President – Adriana Erica Miele
- Vice President – Sebastiano Pasqualato
- Secretary – Josef Houser
- Deputy Secretary – Barbara Zambelli
- Treasurer – Paloma Fernandez-Varela
- Deputy Treasurer – Josef Hamacek
- MC Member – Patrick England
- MC Member – Arthur Sedivy
- MC Member – Mauro Dalla Serra
- MC Member – Pierre Dorlet
- MC Member – Tomasz Kobiela

At the first MC meeting it was stressed the need to activate the three working groups (Membership & communication; Benchmarking, SOP, technology awareness; Training & scientific meetings), since in the past mandate almost only MC members were actively involved in them.

We need all the members to make ARBRE running and to prepare 2025 activities.

ARBRE's plan of activities for 2025

Next spring/summer will be home to the 4th MOSBRI annual meeting in Paris (<https://www.mosbri.eu/events/conferences/paris-2025/>) and to the 15th EBSA congress in Rome (<https://ebsa.org/portal/node/375>).

Thanks to an agreement with the organisers, ARBRE's members are entitled to a reduced registration fee to attend MOSBRI → beware: the early bird fee ends in March 15th 2025 and applications for students bursary end in February 14th 2025.

Regarding EBSA, ARBRE and MOSBRI will organise a parallel session "Breakthrough methods in molecular-scale biophysics". If you have spotted a special brand new technique, send an email to info@arb-re-biophysics.eu; we shall shape the program together.

Following the auditions in Stockholm during EBSA2023, the Executive committee of EBSA will deliberate in Rome whether ARBRE can officially become a member association, as the national biophysical societies.

All the members will receive a poll to let us know which event you are planning to attend. The one with the most of members will be home to our annual general assembly.

Announcements

MOSBRI is launching a **DSF benchmarking initiative** focused on evaluating Tm precision using their VHH standards (<https://www.mosbri.eu/services/products/>). If you would like to take part in this study, fill in the form before **December 31st 2024**:

<https://docs.google.com/forms/d/e/1FAIpQLSc5wy3AyL1v77ZOQqx5yCOPHHTJYeBQH0NwCL-XxgJ90stEOg/viewform>

MOSBRI is organising an advanced level school "**Kinetics 2025**" on biophysical methods for real-time characterization of biomolecular interactions. This hands-on training school will accept 20 participants at the Institute Pasteur in Paris from March 31st to April 4th. The deadline for application is January 17th 2025: hurry up!

<https://www.mosbri.eu/training/advanced-level-schools/als2/>

A Special Issue of the **European Biophysics Journal** is open, dedicated to the outcomes of MOSBRI project and accepting contributions from all the community of molecular-scale biophysics, including ARBRE's members. The deadline for submission is March 31st 2025. More info at: <https://link.springer.com/collections/idcdjihhdb> or you can eMail the editorial board at ebj_special_issue@mosbri.eu with a tentative title and short summary as expression of interest.

Registration is open to the **4th MOSBRI annual conference in Paris**

<https://www.mosbri.eu/events/conferences/paris-2025/>

Keynote speakers include: Petra Schwille (MPI, Martinsried), Iva Tolić (RBI, Zagreb) and Andreas Plückthun (Univ. Zurich).

The topics covered by the conference are:

- Macromolecular assemblies: architecture, energetics and dynamics (10th June afternoon)
- Macromolecular engineering and structure/function studies (11th June morning)
- Artificial intelligence, computational approaches and data analysis (11th June afternoon)
- Molecular biophysics in vivo/in situ and in biomimetic environments (12th June morning)
- Molecular biophysics to address societal challenges (climate change, infectious or degenerative diseases, ...) (12th June afternoon)
- Single molecule/single particle biophysics (13th June morning)

ARBRE's members will receive a discount upon registration, but hurry up the deadline is March 15th (<https://www.mosbri.eu/events/conferences/paris-2025/registration-paris/>) for early bird and abstract submission.