

# BioEM Treasurer's Report - 2023/11 vs Budget 2023

Income	budget	2023/11	Expenses	budget	2023/11
Membership (200*EUR 100)	20'000	13'041	Loan for Conference	32'000	0
Journal Subscription (40*75)	3'000	148	Support for Conferences	0	0
Income BIOEM 2023		32'739	Student Grants (STM = 5 x 2'000)	10'000	12'000
Sponsoring	0	2'000	Awards (d'Arsonval (4000), Young Scientist (2000).	6'000	0
Profit Sharing Wiley	80'000		GA / BoD Expenses (lunch,etc.)	1'000	5'025
Editorial Support (Wiley)	15'000		Communication & Webpage	25'000	20'412
Gain on Investment (4%/year above	20'000	3'169	Consulting (accounting & legal & insurances)	1'000	3'962
Other income	0		Editor in Chief	25'000	12'500
			Administration	5'000	28'614
			Bank and Payment Fees	100	1'040
			Exchange Rate Differences	100	410
			Taxes	0	
<b>Total incl. extraordinary</b>	<b>138'000</b>	<b>51'097</b>		<b>105'200</b>	<b>83'963</b>
<b>Profit</b>				<b>32'800</b>	<b>-32'866</b>

■ BIOEM Meeting Payback of Loans: EUR 39,774 (GBP 34,100)

■ Income from Wiley paid to the BEMS USA account: USD 87,654

# BioEM Budget 2024 (Approved at the GA)

<b>Income</b>		<b>Expenses</b>	
Membership (140*EUR 100)	14'000	Loan for Conference	30'000
Journal Subscription (40*75)	3'000	Support for Conferences	5'000
BioEM Meeting Profit	30'000	Student Grants (STM = 10 x 2500)	25'000
Sponsoring	0	Awards (d'Arsonval (10000), Young Scientist (5000); best paper: 2500)	17'500
Profit Sharing Wiley	70'000	GA / BoD Expenses (lunch,etc.)	5'000
Editorial Support (Wiley)	15'000	Communication & Webpage	4'000
Gain on Investment (4%/year above	20'000	Consulting (accounting & legal & insurances)	6'000
Other income	0	Editor in Chief	25'000
		Administration	36'000
		Bank and Payment Fees	500
		Exchange Rate Differences	500
		Taxes	0
<b>Total incl. extraordinary</b>	<b>152'000</b>		<b>154'500</b>
<b>Profit</b>			<b>-2'500</b>

**Minutes**  
**Board meeting 24**  
**BioEM**

**December 11, 2023**  
06:00 pm – 08:00 pm (CEST)  
Online meeting

In attendance:

- Luc Martens (LM)
- Florence Poulletier (FPoulletier)
- Niels Kuster (NK)
- Olga Zeni (OZ)
- Rich Nuccitelli (RN)
- Frank Prato (FPrato)
- Wout Joseph (WJ)
- Azadeh Peyman (AP)
- Bennett Ibey (BI)
- Anke Huss (AH)
- Lucas Portelli (LP)

Invited for making notes: Melanie De Coster (MD)

Invited for point 4: Nikolaos Petroulakis (NP)

1. Adoption of agenda:
  1. Item 7: Elections update added.
  2. The agenda was adopted.
  
2. Minutes of the twenty-third meeting: approval
  1. The minutes of the twenty-third meeting were approved.
  
3. Overview of the actions of Meeting #23
  1. Item 3.1: BioEM 2025
    - Actions assigned: A contract should be signed between LOC 2025 and the BioEM society (MD), to determine the payment process and organization .AP approved the payment of 20,000 euros (seconded by OZ). ✓
  
  2. Item 3.1: NK and LM: contact the Chinese society after the call in October.
    - LM to initiate contact.
    - NK to send contact details to LM.
  
  3. Item 3.2
    - Contact NP for the contract with BioEM for BioEM2024 meeting (MD) ✓
    - AP will forward template to MD ✓
    - LOC is tasked with understanding the tax regulations in Greece to optimize our financial planning ✓
  
  4. Item 3.3:
    - Extension of the deadline until 31/03/24. ✓
    - Leaflets to be uploaded on BioEM website ✓
    - Best Bioelectromagnetics journal paper
      - Draft to be approved (LM) ✓
  
  5. Item 4.5:
    - TS to write an editorial, possibly with OZ, and to involve experts from biology, dosimetry, and statistics.
      - No feedback from TS ; OZ will contact TS.
    - Deadline for the editorial set for the end of January.

6. Item 5.2: BioEM 2024 invited speakers
  - LM will initiate parallel contact with Clifford Brangwynne and David Baker. ✓
  - Julian Modolo will simultaneously reach out to Christof Koch. ✓
  - As an alternative for Clifford Brangwynne and David Baker, Gael Varoquaux will be contacted second by Julian Modolo. ✓
7. Item 6: Elections
  - Nomination committee: In January, compile all information for AP.
  - Nomination committee: By December 31, request CVs, vision statements, and motivation letters from candidates.
  - MD to explore other options for electronic ballot and present findings at the next board meeting. ✓
  - Email communication to inform all members about the changed election date to March 1, 2024, instead of the initially scheduled date of February 1, 2024. (MD) ✓
8. Item 7: Awards
  - Awards committee: Criteria, review form and call details to be finalized for the next board meeting. ✓
9. Item 9:
  - LP to gather information from other researchers who knew Prof. Ben Greenebaum very well
  - Obituary from James C. Lin, journal needs to be published before it is published on BioEM.org. LP will contact James if this can be sooner. AP will share her previous communication with James.
  - LP will write a short obituary and add things when they come in. The text can be published immediately and will be sent to the communication committee this week.
10. Item 10: Access to Full Abstracts Books for BioEM Annual Meetings
  - Plan to contact Oxford Abstracts and add all abstracts as PDFs. (MD) ✓

#### 4. BioEM 2024

1. Report of the second extended LOC meeting
  - All meeting rooms are secured
  - MD assigned to draft a proposal for SEAWAVE's Sunday meeting room rental ✓
  - Request to Board for approval of registration fees: today
  - Questions about the BioEM and LOC contract; NP to propose a reviewed version today
2. NP's status update
  - Final approval about registration fee; break-even with 300 participants

		Number of attendees				
		200	250	300	350	
<b>INCOME</b>						
<b>REGISTRATION FEES</b>						
<b>Full Registration</b>	% Euro					
BioEM members (early registration)	36%	650 €	46.800 €	58.500 €	70.200 €	81.900 €
BioEM members (late registration)	5%	750 €	7.500 €	9.375 €	11.250 €	13.125 €
Non-members (early)	20%	850 €	34.000 €	42.500 €	51.000 €	59.500 €
Non-members (Late)	10%	950 €	19.000 €	23.750 €	28.500 €	33.250 €
Students (early)	20%	250 €	10.000 €	12.500 €	15.000 €	17.500 €
Students (late)	5%	300 €	3.000 €	3.750 €	4.500 €	5.250 €
One Day	2%	500 €	2.000 €	2.500 €	3.000 €	3.500 €
Waived (invited speaker & Developing Countries, LOC)	2%	120 €	480 €	600 €	720 €	840 €
Complimentary (Sponsors & Exhibitors)	0%	0 €	0 €	0 €	0 €	0 €
Complimentary (5 Needy Scientists)	0%	0 €	0 €	0 €	0 €	0 €
Additional Exhibitor registration						
<b>TOTAL</b>	<b>100%</b>		122.780 €	153.475 €	184.170 €	214.865 €

- Students must be members to be eligible for the special reduced rates

- Agreement on fees for non-member students
        - 400 euro for students (early)
        - 450 euro for students (late)
      - Discussion on the contract between BioEM and LOC
        - Management company (CCBS) added
        - Needs to be signed: NP, LM and NK
  - 3. Final list of invited speakers, workshop, and tutorials
    - LM: Contacted Brangwynne and David Baker; no success
    - Suggestions for BioEM 2025 plenary speakers who are not available for BioEM 2024:
      - Koch, Gael Varogaux
    - Discussion on potential plenary speakers
    - LM: Continues efforts to reach Baker and Brangwynne
    - NK: Contact Ed Boyen with a proposal to be a plenary speaker in BioEM 2024
    - RN to contact Damijan Meklavcic if there's no response from Baker and Brangwynne
5. Awards: Update from Awards committee (documents FPoullietier attached)
1. Young scientist award in Bioelectromagnetic: approved
    - Immediate open call with a decision by end-February
    - No specific position requirements
    - Consensus on a 10-year window post-PhD
    - Eliminate the 5-year requirement
    - Open to both academia and industry
    - Conference fees waived for the winner
    - Winner to be a plenary speaker at the conference
  2. D'arsonval award
    - Open this year; included in this year's budget.
    - Only honorarium, no travel/accommodation costs
  3. FPoullietier to send details for board review to all board members; feedback within a week. Information to be published ASAP
6. Short term missions: update from the Education Committee
1. Five submissions received: 5 approved (1 low/middle income)
  2. Committee proposed offering funds to applicant from low/middle-income countries for travel to BioEM2024 and assistance with publication costs
    - NK and RN proposed €2500 for STM and €1000 for travel support for low-income countries upon abstract acceptance for the BioEM conference: proposal to be discussed in the GA at BioEM2024 as the stay of the student is after BioEM2024:
7. Elections: Proposed election bulletin by MD
1. Include CV and short statements for board members
  2. For President-Elect: CV and motivation/mission/vision
  3. Bulletin to feature pictures
  4. Does this meet the requirements?
    - AP and LM: Yes.
  5. Members can vote for all board members; for the President-Elect, only one vote per member.
8. Financials: update from the treasurer (see Excel file from NK)
1. The treasurer reported the current P&L for 2023 versus the budgeted P&L for 2023 and the budgeted P&L for 2024. Discussion continued on transferring the remaining funds from BEMS to BioEM, exploring more efficient methods, as all transactions are currently paper-based. BI suggested verifying the maximum cheque size, tasking RN to confirm feasibility.
  2. Current gain on Investments: 11/20233,169 EUR, (budgeted 20,000 EUR for 2023 and 2024).
9. Review of decision list and actions list
1. Item 3.1: NK and LM to contact the Chinese society after the call in October.
    - LM to initiate contact.
    - NK to send contact details to Luc.
  2. Item 4.5:
    - TS to write an editorial, possibly with OZ, and to involve experts from biology, dosimetry, and statistics.

- No feedback from TS; OZ will contact TS.
- 3. Item 9:
  - LP to gather information from other researchers who knew Prof. Ben Greenebaum very well
  - Obituary from James C. Lin, journal needs to be published before it is published on BioEM.org. LP will contact James if this can be sooner. AP will share her previous communication with James.
  - LP will write a short obituary and add things when they come in. The text can be published immediately and will be sent to the communication committee this week.
- 4. Item 4.2: BioEM 2024
  - Discussion on the contract between BioEM and LOC.
  - Management company (CCBS) added
  - Needs to be signed: NP, LM and NK
- 5. Item 4.3: Plenary speakers BioEM 2024
  - Suggestions for BioEM 2025 plenary speakers who are not available for BioEM 2024:
    - Koch, Gael Varogaux. (AH)
  - LM: Continues efforts to reach Baker and Brangwynne.
  - NK: Contact Ed Boyen with a proposal to be a plenary speaker in BioEM 2024.
  - RN to contact Damijan Meklavcic if there's no response from Baker and Brangwynne.
- 6. Item 5.3: Awards
  - FPoullietier to send details for board review to all board members; feedback within a week from the board members requested.
  - Information to be published ASAP (MD).
- 7. Item 10.1: BioEM 2024 Program:
  - Considered additional sessions and platform changes; AH to finalize and share with the board in January.
- 8. Item 10.2: Schedule publication
  - AH and MD: Publish after approval from the Board (approval needed within the week)

## 10. AOB and Adjourn

1. BioEM2024 Program:
  - AH proposed sharing the provisional program online.
  - Additional sessions (NK suggested considering optional workshops and questioned the need for a free afternoon) and platform changes may be needed; TPC to finalize and AH to share the program with the board in January.  
The first board meeting is planned on Sunday morning with dinner on Saturday evening for the board.
2. Schedule Publication:
  - AH questioned whether to publish the schedule earlier on the website.
  - LM approved, acknowledging the possibility of changes.
3. Election Process:
  - AP asked about gathering CVs for the election.
  - NK clarified that Luc committed to handling it via the Nomination Committee.

## 11. Next Meeting Dates:

1. January 22, 2024, at 18:00 CET
2. February 20, 2024, at 18:00 CET
3. March 25, 2024, at 18:00 CET
4. April 22, 2024, at 18:00 CET
5. May 21, 2024, at 18:00 CET



## Report from the Education Committee

**Olga Zeni (chair)**

**Florence Poulletier**

**Anke Huss**

**Frank Prato**

**Rich Nuccitelli**



## BioEM Board decision:

- 2 CALLS -1 per high income countries; 1 for low/middle income countries
- 10 Grants (2500 €)
- Selection criteria
  - **the profile of the researcher, her/his previous work and scientific achievements taking into account her/his carrier stage**
  - **the quality, the clarity and the importance of the proposed research**
  - **the choice of the Host Laboratory that the candidates must adequately justify**





➤ **5 total applications**

➤ 4 from high income countries; 1 from low/middle income country

➤ We find all the applications fundable

➤ Details in the summary table

We propose to offer to the applicant from low/middle income country (Sangin Qahtan) funds for travel to BioEM 2025 and help with publication costs of the manuscript coming from the work presented at the conference

**SHORT TERM MISSION - SUMMARY TABLE\_2024 - Selection main criteria:**

1. The profile of the Applicant, her/his scientific achievements taking into account her/his carrier stage;
2. The quality, the importance and the clarity of the proposed STM project;
3. The choice of the host laboratory that the candidate must justify;

CANDIDATE	RESEARCH STAGE	PROFILE	HOME INSTITUTION	SUPERVISOR	HOST INSTITUTION	SUPERVISOR	STM PROJECT	PROJECT QUALITY	APPLICATION PERIOD	DECISION
<b>GIULIA SACCO</b>	ESR	15 papers  Several awards at international conferences	IETR – UMR CNRS Rennes, France	Ronan Salueau	Institute of Bioelectronics Northwestern University – US Illinois	Prof. Rogers	Wearable strEtchAble inteRfaceS for athletes' PerfORMance and health monitoring (WEARSPORT)		15 -30 April 2024	Accepted
<b>ROSA ORLACCHIO</b>	ESR	16 papers Several conferences 2 travel grants	Laboratory IMS-Talence (Laboratory for the Integration from Material to System) and EPHE-Paris (École Pratique des Hautes Étude) (France)	Yann Percherancier	ENEA (Italian National Agency for New Technologies, Energy and Sustainable Economie Development)	Caterina Merla	Macroscopic and microscopie dosimetry at millimeter waves (MMW) and with pulsed electric fields (PEF)		23 June - 27 July 2024	Accepted

<b>LAURA CARAMAZZA</b>	ESR	10 papers Several conferences Several awards	Sapienza uni Roma	Micaela Liberti	CNRS Tolosa	Katia Grenier	“IDEA”: Innovating Dielectric spectroscopy through Advanced experiments and modeling		25 September 2024 -25 October 2024	Accepted
<b>SEPPE SEGERS</b>	PhD Student	2 papers Literature reviews for the Flemish government	Sciensano	Birgit Mertens	CNR IREA	Olga Zeni	5G-Genotox (Genotoxic effects of 5G RF exposure in human keratinocytes: a comparison between FR1 and FR2 frequency band.)		2-22 September 2024	Accepted
<b>SANGIN QAHTAN</b>	PhD Student	2 publications and some conferences	University Putra Malaysia	ADUWATI SALI	The Hague Univ. Of Applied Science	John Bolte	Assessing Personal Exposure to 5G RF-EMF Emissions: Validating Field Measurements using BWDM Device in the Netherlands and Malaysia		1 September – 1 October 2024	Accepted