

Minutes from the GENERAL ASSEMBLY of EMS

held at the [20th International Microscopy Congress \(IMC20\)](#) on **Wednesday Wednesday 13th 2023 at 13:30 local time (KST)** at symposium SS-10.2, BEXCO, Busan, Korea.

1. Welcome and confirmation of the agenda of the General Assembly

Welcome to the meeting by the EMS president.

Presentation of the EMS Board members.

2. Approval of the minutes of the 2022 General Assembly (vote)

The minutes have been approved by all participants.

3. Report of the President, describing the activities of the Executive Board and the EMS in the period Sep. 2022 – Aug. 2023, José María Valpuesta

- The changes in the EMS rules and bylaws, approved at the last EMS General Assembly (Brno), were finally approved by the IFSM, so the changes are in place
- Sponsored events: 7 events were sponsored by EMS in 2023.
- Scholarships: In 2023, the European Microscopy Society (EMS) has provided 20 scholarships (800 €/person) for the participation of early stage career researchers at the IMC20 (September 10-15th, 2023; Busan, Korea), and one scholarship of 300 € for the participation to the Focus on Microscopy meeting (April 2-5 2023, in Porto, Portugal).
- Outstanding Paper Awards (2022), Winners:
 - Instrumentation and Technique Development: N. Varkentina*, Y. Auad*, S. Y. Woo, A. Zobelli, L. Bocher, J.-D. Blazit, X. Li, M. Tencé, K. Watanabe, T. Taniguchi, O. Stéphan, M. Kociak, L. H. G. Tizei, Cathodoluminescence excitation spectroscopy: Nanoscale imaging of excitation pathways, *Science Advances* 8, eabq4947, 2022. <https://www.science.org/doi/10.1126/sciadv.abq4947>
 - Materials Sciences: M. Wu, C. Harreiß, C. Ophus, M. Johnson, R. H. Fink and E. Spiecker, Seeing structural evolution of organic molecular nano-

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crystallites using 4D scanning confocal electron diffraction (4D-SCED) Nature Communications 13, 2911, 2022. <https://doi.org/10.1038/s41467-022-30413-5>

- Life Sciences: E. Macías-Sánchez, N. V. Tarakina, D. Ivanov, S. Blouin, A. M. Berzlanovich, and P. Fratzl, Spherulitic Crystal Growth Drives Mineral Deposition Patterns in Collagen-Based Materials, Advanced Functional Materials, 2022, 2200504. <https://doi.org/10.1002/adfm.202200504>

There have been talks by the OPA winners at the special IMC20 symposium (SS10.1; “Commemorating 25 years of the European Microscopy Society”; Wednesday 13th; 10:20-12:20 h).

The president thanks Randi Holmestad for her involvement in this task.

- EMS 25th Anniversary:

- 1) A booklet devoted to the 25year. Purpose: documentation of 25 years of EM progress in life science, physics and instrumentation “Vade mecum” to learn about most recent advances in EM, easy reading, “appetizer” for young scientists. Selection of contributors: Awardees of prizes like Nobel, Kavli, European Microscopy Award (EMS), Ernst Ruska Award, IFSM medals, Harald Rose lecturers, etc. Current status: 54 candidates asked, 28 agreed to write a contribution, 16 received so far, reliably promised: 5 more

Balance between Life science, Physics and Instrumentation: Life science: 27% (promised and received), Physics and instrumentation: 60% (promised), 36% (received), 71% (realistic)

Availability: to all EMS members @EMC2024 / Copenhagen, free of charge

- 2) An special IMC20 symposium at IMC20 (SS10.1; “Commemorating 25 years of the European Microscopy Society”; Wednesday 13th; 10:20-12:20 h) has been organised:

- Prof. Wolfgang Baumeister (MPI for Biochemistry, Martinsried)

“Cryo-electron tomography or the power of seeing the whole picture”

- Prof. Johan Verbeeck (Ghent University)

“What can TEM learn from the particle physics community? ”

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- EMS Yearbook 2022: the booklet has now been distributed to all EMS members. The president thanks Servet Turan and Virginie Serin for their involvement.

- Update and Modernization of the EMS website/EMS social media

The EMS website graphic chart has been entirely redesigned. The actions include:

Update the graphic design of the website based on a selection of information to display on the homepage: adding a main carousel at the top to display up to 3 important information (EMS congress, Nobel prize, etc.) and right underneath, an area to display several actual news without any carousel with a link to the complete dynamic list of news.

Update the way the information is displayed on the homepage depending on its importance.

Modification of the menu to reorganize the sections or rename some of the sections and subsections: the main objective being that all contents can be easily accessible and that any user can assume where to find a specific content based on the name of the sections and subsections.

Multiple updates throughout the development period to adapt the graphic design of the front page and various modifications on different pages of the website (fonts, contents, images, responsive design), update the privacy & disclaimer statements.

The president thanks Lucy Collinson for her involvement on this task.

4. Report from the Treasurer, Christian Schöfer (vote)

The finances were presented by the president since the treasurer was not present.

Budget 2022, final

The report was presented by the EMS president.

Incomings

The majority of incomings came from contributions of the national societies and the ECMA

members with further incomings from individual members, interest rates and from job postings

for non-EMS members. In summary, an amount of € 71 293.98 was accrued.

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Expenses

One EMS Extension meeting (MCM16 Brno), 5 Supported meetings and 13 scholarships to support registration fees for young scientists were disbursed (€ 9 940.00). Costs for two board meetings, one GA, one GC, organization of organization of virtual meetings, costs for professional secretarial support, for three Outstanding Paper Awards and further costs (banking, web hosting) added up to total expenses of € 69 847.24. Thus, the annual balance for 2022 ended with a plus of € 1 446.74. The surplus is intended to be spent for travel scholarships to IMC in 2023 and to EMC in 2024. Together with the overflow from 2021 (€ 123 075.33) EMS had total assets of € 124 522.07 as of December 31st, 2022.

Budget 2023, running; (as of June 16, 2023)

Incomings

The major revenues will again be accrued by the annual contributions of EMS members via the national societies and of ECMA members. Invoices to national societies and ECMA members had already been sent out; eventual reminders to members will be sent out later this year.

Further incomings will be accrued by individual member fees and job postings for non-EMS members. Together, incomings are expected to amount to € 48 000.

Expenses

No EMS Extension meeting will be supported due to IMC20 in Busan. EMS will support up to 6 Sponsored meetings (€ 4 500) and will issue 20 travel grants for attendance of young European colleagues at Busan (à € 800, in total € 16 000.00). Further expenses will include the Outstanding Paper Awards, costs for professional secretary, two board meetings and bank costs, amounting to a total of estimated € 54 650.

It is thus calculated to end the year 2023 with a minus of € 6 650.

Budget 2024, proposal

Incomings

Major incomings will be accrued by the annual fees of EMS members via the national societies

and of ECMA members. Together with interest rates of the savings account and advertising for non-EMS members, we can expect incomings of € 48 000.

Expenses

No EMS Extension meeting will be supported due to EMC2024 in Copenhagen. EMS will support up to 6 Sponsored meetings (€ 4 500) and will sponsor the attendance of

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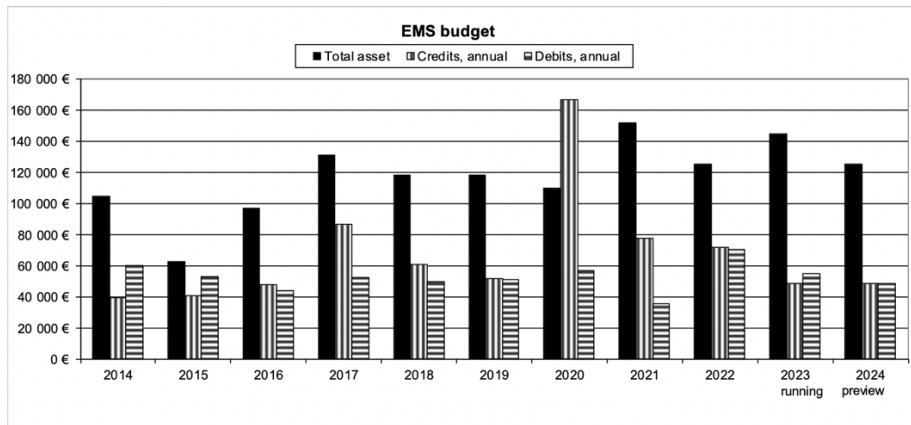
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young European colleagues at the EMC with € 30 000. Further expenses will include the Outstanding Paper Awards, costs for professional secretary, two board meetings and bank costs, amounting to a total of estimated € 68 650.

It is thus calculated to end the year 2023 with a minus of € 20 650. It is expected that the revenues of the EMC (usually arriving in the following year) will make up for the loss in 2023.

Table EMS budget development/10 years



Annotation: in 2020 the savings were merged with the giro account (Credits); note that Credits and Debits depict annual budget figures without overflow; Total includes overflows and shows figures at the end of the year.

The Treasurer report has been approved by all participants.

5. Report of the status of EMC2024 Copenhagen, Klaus Qvortrup

The Chair of the congress, Klaus Qvortrup presented the updates on EMC2024.

Physical format only!

The emc20204 Executive Board, EMC 20204 Boards and Committees, Local Organising Committee, International Advisory Board, Corporate Advisory Board (CAB): Kornelia Weidemann (chair), were presented.

Opening Address (Eva Olsson) & Plenary Speakers, Symposia Committee, Scientific The program was presented.

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Symposia:

- Life Sciences (30% - 16 sessions (2h); Eija Jokitalo (FI), emc2024 Vice Chair
- Physical Sciences (30% - 16 sessions (2h), Jakob Birkedal Wagner (DK), emc2024 Vice Chair
- Techniques & Methodologies (40% - 21 sessions (2h), Julia Fernandez-Rodriguez (SE), emc2024 Vice Chair, Randi Holmestad (NO), emc2024 Vice Chair

Additional information on the different sessions and invited speakers was presented. All invited speakers were invited and they have accepted. To date, there is only one invited speaker by session, but if the budget allows, there will be more.

The preliminary program was presented to the present EMS members.

The program and organization are not similar to the previous one proposed for 2020.

Key dates:

2023

February Have an outline of the scientific program and scope of sessions

April List of Keynote Speakers and Chairpersons in place

June List of Invited Speakers in place

July Start selling exhibition space to ECMA members

August Release exhibition space to non-ECMA members

To date, 20% of the space has already been sold.

2024

1 January Publication of Call for Papers, Open online abstract Submission

1 February Early Bird registration starts

20 March Deadline for oral abstracts

17 April Deadline for poster abstracts - abstracts after this date considered late breaking posters

4 May Deadline for decision on oral abstracts from session organizers

1 June Deadline for scientific imaging competition entries

Notification of decision to oral/poster abstract contributors

15 June Deadline for late breaking poster submission

6 July Early bird registration deadline

Final Program released

27 July Online registration deadline

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Social Timetable

- Sunday Evening: Welcome Drinks Reception
- Monday Evening: DHL Relay running (5 km), Fælledparken

EMC is looking for sponsors for this event.

- Thursday Evening: Gala Dinner, Live entertainment and dinner
- Friday Afternoon: Farewell Drinks Reception
- The 25 Anniversary of the society: booklet, symposium, party? More ideas?! Invite retired, old presidents, other activities...

Exhibition Floorplan

- 1.800 m² for the trade exhibition, catering, posters, and workshops
- Ground floor with easy access
- 2 full days for exhibition set-up – more set-up days can be organized individually
- “Nordic Corner” for smaller Scandinavian companies, which would have attended an annual Scandem conference
- Open Science including Microscopy Networks
- <https://kongresk.eventsair.com/ExhibitionPortal/emc/emcexe/floorplan/live> - 20% sold (2023 09 08). It is possible to see which sponsors have already booked the place. ECMAs will be identified.

Additional Considerations

- Image Competition
- Company Workshops
The smaller lecture break-away theatres will be available for company workshops during lunchtime. There will be a possibility of 6 company workshops per lunch break (2 lots of 3 parallel workshops)
- Society Meetings
EMS | IFSM | Scandem | RMS
- Antique Microscope Exhibition?
- Company Complimentary Events
- Monday: DHL Relay race or walk (5km) – awaiting sponsor
- Accompanying persons’ program
A program will be available Tu – Thu to explore Copenhagen (Rosenborg castle, Christiansborg, Nyhavn and The Little Mermaid etc.) and other destinations (Kronborg castle (Hamlet’s Castle), Elsinore

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Grants/Fundraising

- Grants offered and allocated: LOC will aim for 150 travel grants of € 400 = € 60 000 allocated for this purpose
- Company sponsorships = 30 travel grants. Funding through contributions from foundations and corporate sponsorships
- Achieved foundation funding EMC2020: DKK 300 000 (€ 40 000)

They will be offered not only to students but postdocs, technicians, others.

The budget highlights presented were those of May 2022, this should be updated in the future.

Registration fees: remains the same as for 2022: from € 300 (student), € 475 (EMS)

A travel pass will be provided to registered people for transportation in Copenhagen.

Suggestion from a member: if natural catastrophe and/or other one, some refund should be previewed.

The president thanks the chair of EMC2024 and all other partners for their work.

6. EMS future activities

- EMC17 (2028)

Information for the application has already been sent to the national societies and EMS members. The letter of intent of different candidates has been collected. A preliminary Bid will be beginning of 2024.

- Board renewal

Call for nominations will be publicised in September 2023. Deadline for their receipt, November 2023. Candidacies discussed at the EMS BM in March 2024. Vote of new members on the proposal by the Executive Board. A list of proposal is sent to the EMS members. Official election at the GA (EMC2024).

Executive Board members to be replaced:

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European Microscopy Society

EMS

www.euremicsoc.org

Secretary

Treasurer

Three ordinary members

- EMS awards

Call for nominations, November 2023. The EMS awards will be decided by an international jury (to be organized). The awardees will give a talk at EMC 2024.

7. Any further matter to be discussed

- Question from a participant: Own open journal creation.

For the moment, EMS is not exploring this idea at the moment.

- In the coming months many activities will be ongoing, including scholarships, bids, renewal of EMS members, Sponsored events, OPAs, other awards, etc...

8. Closing of the meeting: final words from the secretary and the president.

The president thanks the secretary, the treasurer and board members for all the work done in the past year.

End of the meeting: 2:00PM local time

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Annexes:

- [Minutes of the previous GA \(Virtual 2022\)](#)

- [Report from the EMS Treasurer](#)

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