



## EMS NEWSLETTER 64

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**Prof. Dr. Josef ZWECK**  
EMS President



**Prof. Dr. Virginie SERIN**  
EMS Secretary



Dear EMS member,

In April this year, the EMS Executive Board meeting was held in Madrid, Spain. Some of the most important discussed topics and decisions are mentioned on this newsletter.



One of the subjects of high interest was EMC2020. Its preparation, efficiently managed by conference chair Prof. Klaus Qvortrup is running as expected.

The next EMS Executive Board meeting and EMS General Assembly will both be held at the EMS Extension in Belgrade, Serbia. In the coming months, the exact date and agenda will be circulated to all members.

During the next Board meeting the Board members will discuss, amongst other matters, the pre-bid applications for the organization of EMC2024, for which 6 venues have been presented. Also the renewal of the new Executive Board, which will be in office from September 2020 till September 2024, will be discussed. A call will be sent beforehand for free positions, among which the one of President. This call will be sent to national societies and the propositions will be gathered by the EMS Board at the 2020 spring meeting.

For the present year, the calls for applications for scholarships to attend the EMS extension "14th Multinational Congress on Microscopy (MCM2019)" from 15 to 20 September 2019 at Belgrade, Serbia are still opened. Again, EMS thus provides valuable support for our young colleagues to present their results and learn from the specialists at international events.

A few weeks ago the jury of the EMS Outstanding Paper Award has come to a decision for the round of 2018. 28 papers of very high quality were nominated, more precisely: 6 Instrumentation and Technique Development papers, 12 Life Sciences papers and 10 Materials Sciences papers.

The following three were selected as award winners:

1. Instrumentation and Technique Development: "Development of a high brightness ultrafast Transmission Electron Microscope based on a laser-driven cold field emission source", F. Houdellier, G.M. Caruso, S. Weber, M. Kociak, A. Arbouet, *Ultramicroscopy* 186 128–138, 2018.
2. Life Sciences: "The mitotic spindle is chiral due to torques within microtubule bundles", M. Novak, B. Polak, J. Simunić, Z. Boban, B. Kuzmić, A. Thomae, I. Tolić, and N. Pavin, *Nature Communications* 9, 3571, 2018.
3. Materials Sciences: "Reversible superdense ordering of lithium between two graphene sheets", M. Kühne, F. Börrnert, S. Fecher, M. Gorbani Asl, J. Biskupek, D. Samuelis, A. V. Krasheninnikov, U. Kaiser and J. H. Smet, *Nature* 564, 234–239, 2018.

Congratulations to the authors of these outstanding papers who will receive their awards during the next EMS series in Belgrade, Serbia later this year. We also thank the nominators of all other exceptional papers and look forward to a new round by next January 2020 for the 2019 papers.

Please note that in 2020 we will also elect two new receivers of the European Microscopy Award to be presented at EMC2020 in Copenhagen.

- For the second half of 2019, 3 new EMS sponsored events have been selected:
- Advanced Microscopy Techniques for Plant-microbe Interaction Analysis. 25-29 November 2019. Tulln, Austria.
  - Microscopy at the Frontiers of Science. Joint Meeting of the Spanish and Portuguese Societies of Microscopy (MFS2019). 11-13 September 2019. Granada, Spain.
  - Materials and Life Sciences: New Insights From Quantitative Microscopy. 9 September 2019. Louvain-la-Neuve, Belgium.

With EMC2020 being organized next year in Copenhagen, we will not open a call for an EMS Extension in 2020.

Finally, the 2018 EMS Yearbook will arrive in the following month. We hope you will enjoy reading the reports on the various activities of our society and members during the past year, especially those written by students who received a scholarship to attend IMC2019 in Sydney, some of these contain truly inspiring notions from our enthusiastic new generation of microscopists.

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which are daily updated to efficiently provide you information from our community.

Any suggestions and ideas for future newsletters are welcome at [sec@euremicsoc.org](mailto:sec@euremicsoc.org)

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