



## EMS NEWSLETTER 72

### AUGUST 2021



**Prof. Dr. José VALPUESTA**  
EMS President



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



While not much time has passed since the previous Newsletter has been published, important things have happened at EMS.

#### EMS Yearbook:

Thanks to the continuing efforts of Prof. Dr. Virginie Serin and the firm ERI in the Paris region, the EMS Yearbook 2020 should be already be in yours hands. All members of EMS who have supplied an up-to-date address received a copy of this Yearbook for free. A number of addresses are no longer correct. For this reason, we are attempting to improve the database so your personal contribution (EMS members updates) is essential for the right shipment of the yearbook and journal issues.

We hope you enjoyed reading the reports on the various activities of our society and members during the year 2020, including the brilliant Jeol-sponsored EM awardee reports or contribution about the Kavli prizes, students' reports, special events announced by EMS members and reports from national societies who shared their activities related to microscopy and events.

The Yearbook is a rich source of information about the EMS membership, about the companies involved in microscopy and about the organization of microscopy (societies) in Europe. In case you have any remark or contribution to this field, please contact the EMS secretary ([sec@eurmicsoc.org](mailto:sec@eurmicsoc.org)).

#### EMS Board Meeting:

The EMS executive Board had its (virtual) meeting in April this year.

#### EMS Extension:

As you probably know, next month we have the possibility to virtually meet at the EMS extension: The Joint Meeting of Dreiländertagung & Multinational Congress on Microscopy on August 22-26 2021 ([www.microscopy-conference.de](http://www.microscopy-conference.de)).

EMS members are welcome to participate to this meeting and will benefit from a reduced participation fee. During this congress, EMS members are invited to gather for an EMS General Assembly on August 24, 2021 at 2:00pm local time. The purpose of this meeting is to discuss the present situation and the plans of EMS.

#### EMS Scholarships:

As done last year, EMS Scholarships will be offered to students attending the (virtual) EMC extension meeting. In total, EMS received: 26 applications (23 students, 3 postdocs) for scholarships of young researchers. During its meeting, the Board decided to sponsor all candidates due to the current pandemic situation. The winners of these scholarships will be asked to write a short report for the 2021 EMS Yearbook.

#### EMS Outstanding Paper Awards:

In 2010, EMS started a new initiative to support microscopy research by inaugurating the EMS Outstanding Paper Award (OPA). By the deadline of January 15, 2021, 17 high quality papers were nominated by EMS members. Of these, 3 were selected as award winners, in the category of «Instrumentation and Technique Development», «Materials Sciences» and «Life Sciences». The jury, chaired by a non-voting member of the EMS Executive Board, selected a winning paper for each of the three categories of the Award, in time for the EMS Board meeting. The Board confirmed this selection and shortly after the authors were informed and the result was announced to the entire EMS community beginning of May this year.

We invite you to visit the EMS webpage: <http://www.eurmicsoc.org/en/>, which is daily updated to efficiently provide you with information from our community.

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

EMS on Facebook and Twitter:



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The following three were selected as award winners:

**1- Instrumentation and Technique Development:** Dora Mahecic, Davide Gambarotto, Kyle M Douglass, Denis Fortun, Niccoló Banterle, Khalid A Ibrahim, Maeva Le Guennec, Pierre G nczy, Virginie Hamel, Paul Guichard and Suliana Manley: Homogeneous multifocal excitation for high-throughput super-resolution imaging, *Nature Methods* 17 (2020) 726-733.

**2- Materials Sciences:** Mathias Uller Rothmann, Judy S. Kim, Juliane Borchert, Kilian B. Lohmann, Colum M. O'Leary, Alex A. Sheader, Laura Clark, Henry J. Snaith, Michael B. Johnston, Peter D. Nellist and Laura M. Herz: Atomic-scale microstructure of metal halide perovskite, *Science* 370 (2020) 548.

**3- Life Sciences:** Georg Wolff, Ronald W A L Limpens, Jessika C Zevenhoven-Dobbe, Ulrike Laugks, Shawn Zheng, Anja W M de Jong, Roman I Koning, David A Agard, Kay Grünewald, Abraham J Koster, Eric J Snijder and Montserrat Bårçena: A molecular pore spans the double membrane of the coronavirus replication organelle, *Science* 369 (2020) 1395-1398.

The first authors of these papers will receive a mention of their award during the virtual General Assembly meeting at the EMS extension: **"The Joint Meeting of Dreiländertagung & Multinational Congress on Microscopy (MC 2021)"**, on **August 24, 2021 at 2:00pm** local time, just at the end of the general assembly. The first authors of these papers, or their representatives, will receive their prize money of €1,000 and a glass plaque. All authors will receive a paper certificate.

We also acknowledge the nominators of all papers and look forward to a new round for the 2021 papers. If you want to nominate a paper, which you find extraordinary, for the next Outstanding Paper Award, please visit: [www.eurmicsoc.org/en/funding/outstanding-paper-award](http://www.eurmicsoc.org/en/funding/outstanding-paper-award).

#### EMS OPA 2021 jury members (judging on papers in 2020)

- Miran Ceh (Jožef Stefan Institute, Ljubljana, Slovenia)
- Juergen Plitzko (Max Planck Institute of Biochemistry, Martinsried, Germany)
- Florian Schur (IST Austria, Klosterneuburg, Austria)
- Iva Tolic (Ruđer Bošković Institute, Zagreb, Croatia)
- Maria Varela (Oak Ridge National Laboratory & University Complutense of Madrid, Madrid, Spain)

**Chair:** Randi Holmestad (NTNU, Trondheim, Norway)

#### EMS Sponsored events:

EMS is also sponsoring presential local and virtual meetings and workshops to allow organizers to invite internationally-known speakers of the highest scientific and educational quality.

This second part of the year, 3 such meetings have been selected. This financial support from the EMS will back virtual and onsite events, often organized in the form of a school or course and others, and thus help organizers to invite top scientists to lecture our coming generations of microscopists and student's participation to the meetings.

For the second half of 2020, the Board decided to sponsor the following meetings:

- Microscopy at the Frontiers of Science ([www.mfs2021.com](http://www.mfs2021.com))  
27 to 30 September 2021  
Braga – Portugal
- Combined fit4nano and EU-F-N workshop 2021 ([www.eu-f-n.org/workshop](http://www.eu-f-n.org/workshop))  
27 to 29 September 2021  
Wroclaw – Poland
- Single Molecule Localization Microscopy Symposium ([www.smlms.epfl.ch/](http://www.smlms.epfl.ch/))  
31 August to 02 September 2021  
Lausanne – Switzerland

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