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Dear colleagues,

In the past two months, the two EMS Extensions of 2017 took place one after the other in Lausanne, Switzerland (Microscopy Conference (MC2017), 21 to 25 August 2017) and Rovinj, Croatia (13th Multinational Congress on Microscopy, 24 to 29 September 2017), gathering a substantial number (8 societies - 9 countries at MCM2017) of all national member societies of EMS. In Lausanne, over 900 microscopists and more than 50 companies participated, while in Rovinj about 400 members of 30 different societies/countries attended the conference.

At these EMS Extension meetings, three activities were organized by the EMS. In Lausanne, the Executive Board met on Tuesday 22 August to discuss several urgent matters and to prepare the General Assembly Meeting in the following day. Further, at the General Assembly, regular items including the presidential report, budget and activity prospects were covered and approved.

The chair of EMC2020, Prof. Klaus Qvortrup, presented a status report of the preparation of the upcoming EMC2020 European Congress which will be held from 23 - 28 August 2020 at The Bella Center in Copenhagen. An overview of the Congress was presented with details regarding the location, organization, key dates and exhibition. The EMC2020 website is online with more information on the congress and the site: <http://www.emc2020.eu> – you may wish to bookmark this site. It was decided on the meeting that no EMS extensions will be scheduled in 2018. The next GA assembly and board meeting will be held in Sydney, during the IMC19 congress.

During the conference in Rovinj, on Wednesday 25 September, 2017, the plaques for the three EMS Outstanding Paper Awards of 2016, in Instrumentation and Technique Development (D. Halbertal), Materials Sciences (D. Jacobsson) and Life Sciences (J. Mahamid), were handed over in a nice ceremony where the winners presented a summary of their paper.

For the coming year, applications for sponsored events for the first half of the year (January till June 2018) have been received (deadline September 30) and are now under review by the Board.

In the coming weeks and months material for the 2017 EMS Yearbook will be gathered at the secretarial office, including reports from EMS sponsored events, the two EMS Extensions and their EMS lecturers, EMS scholarships, etc. If you have organized or are aware of a particular event in the past year, which you feel is relevant for the European Microscopy Community to commemorate with a short report in the Yearbook (awards, special anniversaries, ...), please give us a note or send us a short text with one or two pictures, so we can include it if space

permits (in case we receive too many requests, some can be placed on the respective pages of the website).

The EMS is glad to announce that the French Society of Microscopies (SFμ, Société Française des Microscopies) donated a generous amount of € 10.000 to EMS to complement the travel support for next year's conference in Sydney, Australia. Young scientists should consider to apply for the scholarships in time, details can be found here: <http://www.euremicsoc.org/en/funding/scholarships/>.

Beginning of December, the call for 2017 EMS Outstanding Paper Award will be on its way to all members and we look forward to receiving many excellent nominations by the deadline in January 2018. Next year, the winning authors will receive their awards at the IMC 2018 meeting in Sydney.

This year, the Nobel Prize in Chemistry has been attributed by The Royal Swedish Academy of Sciences to three remarkable researchers: **Jacques Dubochet** (University of Lausanne, Switzerland), **Joachim Frank** (Columbia University, New York, USA), and **Richard Henderson** (and MRC Laboratory of Molecular Biology, Cambridge, UK), for the development of cryo-electron microscopy, allowing researchers to see biological molecules frozen in action. This method has moved biochemistry into a new era. EMS is very glad about this excellent news that once again highlights European Research in the field of Microscopy. Richard Henderson (enclosed picture) was in particular invited speaker at EMC 2016 in Lyon.



Richard Henderson

His talk, entitled "New developments in direct electron detecting cameras and their importance for cryo-EM" highlighted the importance of direct electron detectors on single particle electron cryomicroscopy (cryo-EM) and provided a practical guide to their optimal use.

More information about this and other Nobel prizes awarded in 2017 can be found in the following site: <https://www.nobelprize.org>

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

Any suggestions and ideas for future newsletters are welcome at sec@euremicsoc.org

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