



EMS NEWSLETTER 92

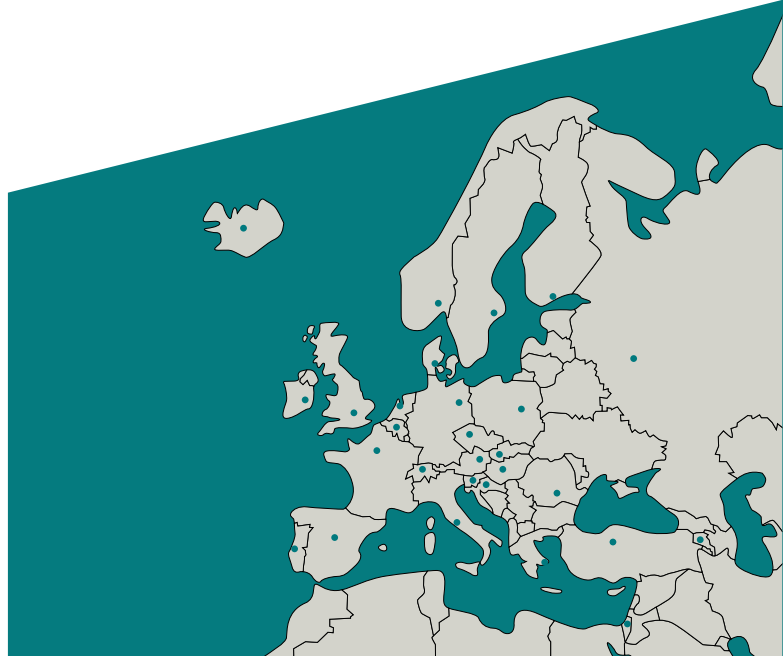
JULY 2026



Dr. Vladislav KRZYZANEK
EMS President



Dr. Catherine VENIEN-BRYAN
EMS General Secretary



Dear EMS members,

We begin this newsletter with sad news that are deeply important to our microscopy community. It is with great sadness that we announce the recent passing of two highly respected members of our international community: Professor Roger Wepf on 4 June 2026 and Professor Harald Rose on 27 July 2026. On behalf of the EMS, we extend our sincere condolences to their families, friends, and colleagues. At the end of this newsletter, you will find short tributes honouring their lives and legacy, as well as tributes for Professor Ueli Aebi and Professor Andreas Engel.

The 21st International Microscopy Congress (IMC21) 2026 (<https://www.imc21.org.uk>) will be held from 31 August to 4 September 2026 at the ACC Liverpool, UK. Many EMS activities will take place during the congress.

For this occasion, the EMS has awarded 24 travel grants (€400 each) to support early-career researchers to present their work and benefit from the expertise of specialists at this international event. More information can be found on our dedicated scholarships web page: <https://www.euremicsoc.org/awards/scholarships/>

The **EMS Outstanding Paper Awards (OPA) 2025** winners will also receive their awards during the EMS General Assembly. The authors will present their work.

From a total of 15 high-quality papers nominated in different categories, the selected papers are:

Instrumentation and Technique Development: Hasan Ali et al: Visualizing subatomic orbital and spin moments using a scanning transmission electron microscope. *Nature Materials* **24**, 1215–1220 (2025). <https://doi.org/10.1038/s41563-025-02242-6>

Life Sciences: Martin Strnad et al: Targeted volume imaging reveals early vascular interactions of Lyme disease pathogen in skin. *Nature Communications* **16**, 9330 (2025). <https://doi.org/10.1038/s41467-025-64326-w>

Materials Sciences: Demie Kepaptsoglou, José Ángel Castellanos-Reyes et al: Magnon spectroscopy in the electron microscope. *Nature* **644**, 83–88 (2025). <https://doi.org/10.1038/s41586-025-09318-y>

For the second half of 2026 (July 1 - December 31), the following new **EMS Sponsored Events** will be supported:

- **Biophotonics and Imaging Summer School 2026 BIGSS X**
3-7 August 2026 | Galway, Ireland
- **The 18th International Conference on Near-Field Optics, Nanophotonics and Related Techniques – NF018**
31 August to 03 September 2026 | Brno, Czech Republic
- **European Focused Ion Beam Network Workshop 2026**
8-11 September 2026 | Marseille, France

This financial support from the EMS (sponsored events) enables these smaller-scale events – often organised as workshop or training courses – to invite leading scientists to train our future generations of microscopists. Congratulations to the organisers of these events, and we hope that many members will be able to attend. More information about these sponsored events is available on the EMS website: <https://www.euremicsoc.org/meetings-courses/ems-sponsored-events/>.

Based on the scientific quality, educational merits, international dimension, and student support associated with the events, the EMS has granted its **EMS Patronage** to the following meetings for the second half of 2026:

- **Conference on Electron Microscopy of Nanostructures – ELMINA2026**
07 to 11 September 2026 | Belgrade, Serbia
- **NanoInnovation 2026**
14 to 18 September 2026 | Rome, Italy
- **PHASE in Brno**
12 to 15 October 2026 | Brno, Czech Republic

More information about these patronaged events can be found on the EMS website: <https://www.euremicsoc.org/meetings-courses/ems-patronaged-events/>

As always, the EMS continues to support its members' activities; we therefore invite you to visit our website: <http://www.euremicsoc.org/en/>, to discover the various meetings and workshops scheduled over the coming year and to stay informed about our community. Links to our social media channels can be found at the bottom of the homepage!

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

We look forward to seeing you all this summer at IMC21 in Liverpool!





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In Memoriam

In this section, we would like to briefly pay tribute to the distinguished scientists from our community who have recently passed away, leaving behind a remarkable legacy. More detailed tributes are published in the In Memoriam section of the EMS website (<https://www.euremicsoc.org/european-microscopy/in-memoriam/>) and in other community publications.



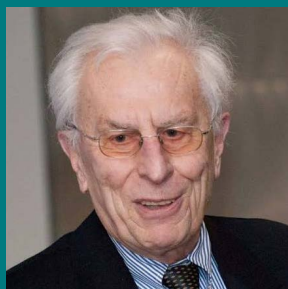
Professor Roger Wepf (1962–2026)

Professor Roger Wepf passed away on 4 June 2026. A distinguished figure in electron microscopy, **Roger served as President of the EMS from 2012 to 2016**. Throughout his career, including his leadership roles at ETH Zurich (ScopeM) and the Center for Microscopy and Microanalysis (CMM) at the University of Queensland, he made significant contributions to advanced imaging techniques and sample preparation while being a passionate mentor and advocate for the international microscopy community.



Professor Ueli Aebi (1946–2025)

Professor Ueli Aebi passed away on 28 November 2025. A pioneer in structural biology and biophysics, **Ueli served as President of the EMS from 2004 to 2008**. As co-founder of the Maurice E. Müller Institute at the Biozentrum, University of Basel, his groundbreaking research in high-resolution electron microscopy and atomic force microscopy provided key structural insights into the cytoskeleton and the nuclear pore complex.



Professor Harald Rose (1935–2026)

Professor Harald Rose passed away on 27 July 2026. A world-renowned theoretical physicist, he revolutionised electron microscopy through his seminal theoretical work on aberration-corrected electron lenses. His visionary ideas made sub-angstrom imaging possible in transmission electron microscopy, transforming characterisation at the atomic scale and earning him the prestigious Kavli Prize in Nanoscience in 2008.



Professor Andreas Engel (1943–2026)

Professor Andreas Engel passed away on 1 April 2026. He made fundamental contributions to scanning transmission electron microscopy (STEM) and atomic force microscopy of biological membranes. His pioneering quantitative imaging and structural analysis of membrane proteins and ion channels, conducted over many years at the Biozentrum, University of Basel, left a lasting mark on structural biology and biophysics.

Prof. Dr. Catherine VENIEN-BRYAN

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