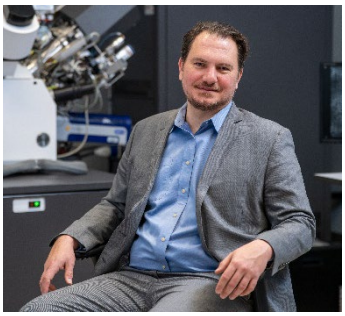
Microscopy Society of America Announces the Class of 2026 Fellows

Four to be inducted at the Microscopy & Microanalysis 2026 meeting held August 2-6 in Milwaukee, WI

WAKEFIELD, Massachusetts – March 26, 2026 – The Microscopy Society of America (MSA) will induct four members of the Society as the Class of 2026 Fellows. The honor will be conferred on Monday, August 3, 2026, during the Microscopy & Microanalysis 2026 (M&M 2026) meeting. The MSA Fellow designation annually recognizes senior distinguished members of the Society who have made significant contributions to the advancement of the field of microscopy and microanalysis through a combination of scientific achievement and service to the scientific community.

Members of the MSA Class of 2026 Fellows are:



Nabil Bassim, McMaster University – *For advancing electron and ion microscopy—especially focused ion beam methods and correlative workflows—while leading the Canadian Centre for Electron Microscopy and fostering community training and service within MSA's microscopy enterprise.*

Nabil Bassim is a Professor of Materials Science and Engineering at McMaster University and the Scientific Director of the Canadian Centre for Electron Microscopy from 2019 to present. His primary research interests include developing correlative microscopy workflows with a particular emphasis on Focused Ion Beam Microscopy (FIB), including 3-D serial sectioning, advance patterning application, and sample preparation advances for TEM and Atom Probe. Recent emphasis includes exploring novel ion source technology for different FIB applications in the semiconductor and metallurgy space. He is the co-founder and co-organizer of the FIB-SEM User Group meeting since 2008.

David Cullen, Oak Ridge National Laboratory – *For sustained and outstanding contributions to accelerate our understanding of the structure and stability of electrocatalysts for hydrogen technologies through the use of innovative analytical electron microscopy methods.*

Dr. David Cullen is a Distinguished R&D Staff Scientist in the Materials Science and Technology Division at Oak Ridge National Laboratory. His research is focused on applying analytical microscopy methods to developing catalysts for efficient and cost-effective energy

conversion, for which he received the Presidential Early Career Award for Scientists and Engineers in 2019. He has been included on Clarivate's Highly Cited Researcher List four times, an achievement he attributes to impactful collaborations with applied scientists across academia, national laboratories, and industry.

Peter Ercius, Lawrence Berkeley National Laboratory – *For his contributions to advancements in atomic resolution electron tomography, automation, and data processing for materials sciences, and his service to the Microscopy Society of America*.

Dr. Peter Ercius received a Ph.D. in applied and engineering physics from Cornell University and is now a Staff Scientist at Lawrence Berkeley National Laboratory. Dr. Ercius is a leading expert in nanoscale analysis using scanning transmission electron microscopy.

Quentin Ramasse, SuperSTEM Laboratory – *For pioneering and field-defining contributions to electron energy-loss spectroscopy (EELS), including the first demonstrations of atomic-resolution vibrational spectroscopy, single-atom phonon detection in the electron microscope*.

Dr. Quentin Ramasse received an MEng from the Ecole Centrale Paris (France) and a MMaths from the University of Cambridge, where he also obtained his Ph.D. in Physics in 2005 working on optical aberration measurements methodologies for aberration-corrected STEM. He is the Director of the SuperSTEM Laboratory, the UK National Research Facility for Advanced Electron Microscopy, and holds the Chair of Advanced Electron Microscopy jointly at the School of Chemical and Process Engineering and the School of Physics and Astronomy, University of Leeds, U.K. As the director of SuperSTEM for the last 15 years, Quentin has masterminded the facility's adoption of emerging technologies for the benefit or its user community, commissioning for instance one of the first meV-capable instrument in the world. He has pioneered single-atom core-loss and vibrational spectroscopy, nanoscale momentum-resolved EELS and real-space orbital mapping in the STEM. He has received numerous awards including the 2020 Royal Microscopical Society Mid-Career Scientific Achievement Award and the 2024 European Microscopy Society Award for Physical Sciences.

About the Microscopy Society of America

The Microscopy Society of America was founded as the Electron Microscope Society of America in 1942, a time of rapid development for an instrument that promised, for the first time, better resolving power than that of the traditional light microscope. The Society adopted its current name on its 50th anniversary, to reflect the diversity of microscopy techniques represented by its membership. Today, a variety of microscopes can image individual atoms and provide chemical information to identify what kind of atom is being imaged, while a variety of microscopes of lower resolving power continue to play an enabling role in understanding the world around us at a microscopic scale.

The Microscopy Society of America champions all forms of microscopy and the development of new imaging technologies through its annual meeting, its publications, and its educational outreach. Microscopy & Microanalysis (M&M) is the annual meeting of the Microscopy Society of America and the Microanalysis Society (MAS). M&M 2026 will be held August 2-6 in Milwaukee, WI. The Microscopy Society of America is an affiliate society of the American Institute of Physics (AIP) and the American Association for the Advancement of Science (AAAS).

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For promotional purposes, photographs and citations of the Class of 2026 Fellows can be found on the MSA website. Information on previous award winners can also be found on the MSA website.