



DEUTSCHE GESELLSCHAFT FÜR
ELEKTRONENMIKROSKOPIE

(eingetragener Verein)

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Press Release

May 28, 2021

Ernst Ruska Prize 2021 for Dr. Julia Mahamid and Prof. David A. Muller

The German Society for Electron Microscopy (Deutsche Gesellschaft für Elektronenmikroskopie, DGE) awards the internationally renowned Ernst Ruska Prize to **Dr. Julia Mahamid** (EMBL, Heidelberg, Germany) and to **Prof. David A. Muller** (Cornell University, Ithaca, New York, USA) for their outstanding scientific achievements related to electron microscopy. The prize will be awarded online during the MC2021 (Dreiländertagung und Multinational Congress on Microscopy) on August 25th, 2021.

Julia Mahamid is awarded the prize for her pioneering achievements in advancing the boundaries of cellular electron tomography. She has been building bridges between molecular and cellular structural biology by synergistic uses of techniques for quantitative studies of the molecular architecture of cells. **David A. Muller** receives the prize for his pioneering work in ultrahigh-resolution electron microscopy and electron spectroscopy. By employing a high-sensitivity electron detector, he has pushed the resolution of lens-less imaging (ptychography) into the deep sub-Ångström range beyond the resolution of aberration-corrected electron microscopy.

The **Ernst Ruska Prize** is named after the Nobel prize winner and inventor of the electron microscope, Prof. Dr. Ernst Ruska. The international prize is awarded by the German Society for Electron Microscopy every two years for outstanding achievements in the field of electron microscopy.

The President of the German Society for Electron Microscopy (DGE)

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