

## BIOGRAPHY

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### **Ondrej L. Krivanek**

*President of Nion Co., and Affiliate Professor at Arizona State University*

He is well known for pioneering new techniques of structure research and for developing new instruments, from simple-to-operate serial and parallel detection electron energy-loss spectrometers (EELS) and imaging filters to the first working aberration corrector for a scanning transmission electron microscope (STEM).

In 1997, Ondrej and Niklas Dellby founded the Nion Company, which introduced instruments that have established many important benchmarks including the first-ever sub-Å electron probe to sub-10 meV energy resolution EELS, which now allows vibrational spectroscopy to be carried out in the electron microscope.

Ondrej's papers and book chapters have been cited over 7000 times, and he has received many science awards. He is Honorary Fellow of Robinson College, Cambridge and of the Royal Microscopical Society, and Fellow of the American Physical Society, the British Institute of Physics, the Microscopy Society of America and the Royal Society.