

Ondrej L. Krivanek - CV

Nationality: Czech/British

Date of birth: 1 August, 1950, Prague

Family Status: married

Prof. Ondrej L. Krivanek was born in Prague, and got his primary and secondary education there. In 1968 he moved to the UK, where he graduated from Leeds University and obtained his Ph.D. in Physics from Cambridge University (Trinity College), and became a British citizen in 1975. His post-doctoral work at Kyoto University, Bell Laboratories and UC Berkeley established him as a leading high resolution electron microscopist, who obtained some of the first atomic resolution images of grain boundaries in semiconductors and of interfaces in semiconductor devices.

Starting in the late 1970s, he designed a series of electron energy loss (EEL) spectrometers and imaging filters, first as a post-doc at UC Berkeley, then as an assistant professor at Arizona State University and a consultant to Gatan Inc., and later as director of R&D at Gatan.

In 1997, he co-founded Nion Co. and has since been Nion's President, as well as Affiliate Professor at Arizona State University. In 2020, Ondrej Krivanek received the prestigious Kavli Prize for Nanoscience.