

Tamas Ungar Honorary Symposium

Prof. Tamas Ungar is one of the most successful Hungarian researchers. He is author of more than 300 research studies that were cited in more than 16500 papers. The symposium aims to present the most recent developments in the research field of Tamas Ungar.

Tamas Ungar obtained his PhD in 1980. After his PhD he worked as a postdoctoral fellow at the Max-Planck-Institute of Metallforschung in Stuttgart, where he discovered the characteristically asymmetric X-ray line broadening and gave direct evidence for the long-range internal stresses prevailing in heterogeneous dislocation structures. He worked out the dislocation model for strain anisotropy in the late nineties, for which he obtained the Hanawalt award from ICDD in 2007. In the last two decades Tamas developed together with Gabor Ribarik the CMWP method for XRD line profile analysis, which has several hundreds of successful applications worldwide. He worked as professor at the Materials Science Department of the Eötvös University Budapest, where he has currently the title of Emeritus Professor. He had several visiting positions at research institutions around the world, including Los Alamos National Lab and City University of Hong Kong. Since 2016 Tamas has been at the University of Manchester as a Senior Research Fellow with the Zirconium Group.