

BIO/Short-CV for Lars Hultman:

Lars Hultman received his PhD 1988 and became Professor/Head of Division in Thin Film Physics at IFM, Linköping University in 1998 after being a visiting scientist to Northwestern University, USA. He made a sabbatical at University of Illinois at Urbana-Champaign during 2004-2006.

His research interests concern materials science and nanotechnology of functional thin film ceramics. He has procured and managed the electron microscopy laboratory at Linköping, with ultra-resolution FEI Analytical monochromated double-aberration-corrected 300 kV Titan³.



He has directed Swedish Centers of Excellence in Materials Research and authored 800 papers, including Nature Materials, Nature Communications, and Scientific Reports for an h-index of 74 (ISI most cited researcher). His patent portfolio counts to 25 from collaboration with industry for physical vapor deposition processes, wear-resistant cutting tools, low-friction thin films for components, diffusion barriers in microelectronics, and isotope-enriched boron carbide thin film neutron detectors.

Professor Hultman is an elected member of the Royal Swedish Academy of Science (KVA) and Engineering Sciences (IVA), as well as Fellow of the American Vacuum Society, and the Forschungszentrum Dresden-Rossendorf. Recognitions also include the European ERC Advanced Grant, Wallenberg Scholar Grants, and the Akzo Nobel Sweden Science Award. He is Board Member of *Sweden-Japan Foundation* and *Vetenskap & Allmänhet (VA; Public & Science)*.

Since 2013, Lars Hultman serves as the CEO for the Swedish Foundation for Strategic Research.