

Katalin Balázi is a head of Thin Film Physics Department (Institute for Technical Physics and Materials Science, MTA EK, Budapest, Hungary). She obtained her PhD at the Slovak Technical University in 2005 where she worked on structural characterization of nanomaterials by transmission electron microscopy. Her research focuses on the development of different ceramics, mainly TiC based ceramic, hydroxyapatite bioceramics and Si₃N₄/graphene based ceramics for tribological applications. Balázi is a secretary of Hungarian Society of Materials Science, president of the Association of the Hungarian Women in Science, Hungarian Delegate in Nanometer Structure Division of IUVSTA and council member of the European Ceramic Society. She has published more than 100 journal papers with 520 independent citations. She is working as PI in several national and EU FP7, M-ERANET projects and working as supervisor for 6 PhD students (2 Hungary, 1 Pakistan, 1 Marocco, 1 Algeria, 1 Turkey). Dr. Balazsi was a co-chair of 15th Conference and Exhibition of the European Ceramic Society in July 2017.