



FELLOWS

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**ZOLTÁN
LENČEŠ
SLOVAKIA**



Z. Lenčeš has received his Dipl.-Ing. degree (1988) in materials engineering at the Faculty of Metallurgy of the Technical University of Mines, Ostrava, Czech Republic; PhD. degree (1996) in inorganic materials and technologies at the Slovak Technical University, Bratislava, Slovakia, and Assoc. prof. (2009) in materials sciences and engineering at the Technical University of Ostrava, Czech Republic.

He is working since 1989 until today at the Department of Ceramics, Institute of Inorganic Chemistry, Slovak Academy of Sciences, Bratislava, Slovakia, recently as a senior researcher, member of the Scientific Board, and served as a head of department. He is a co-author of 6 chapters in books, 2 textbooks for undergraduate students, more than 100 technical papers, 6 patents and co-editor of 3 conference proceedings.

The research of Z. Lenčeš is focused on the development of non-oxide high performance engineering ceramics including nanocomposites; microstructural design of ceramic composites with respect to their mechanical and functional properties; layered ceramic composites with self-diagnostic ability; preparation of bulk ceramic materials from polymer derived precursors; preparation of electrically conductive sialons or high thermal conductivity silicon nitride by using in situ reactions; synthesis of ternary silicon nitride-based phosphors.

He has received the Alexander von Humboldt Fellowship in Germany and NEDO Fellowship in Japan, two times (2003, 2004) was awarded by the Gold Incheba Medal on the international chemical exhibition in Bratislava and also received the Award of the Slovak Academy of Sciences in 2008.

Z. Lenčeš is a member of the Executing Committee of the Slovak Silicate Society (SSS) and is responsible for the international co-operation of the SSS. He is attending the ECerS Council meetings from 2007 and is also active in the International Ceramic Federation (ICF).