



CSABA
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Csaba Balázi is a scientific advisor at the Hungarian Academy of Sciences Centre for Energy Research in Budapest, Hungary. He received his MSc in materials science at Transylvania University of Brasov, Romania in 1993, PhD at University of Miskolc, Hungary in 2000 and DSc degree from Hungarian Academy of Sciences (HAS), Hungary in 2014. He was Head of the Ceramics and Nanocomposites Department in the Institute for Technical Physics and Materials Science, HAS for 7 year, after that he was appointed Director of the Institute of Materials Science and Technology of the Bay Zoltán Nonprofit Ltd. for Applied Research in 2013. He got Associate Professorship for materials science and advanced ceramics courses at University of Pannonia, Hungary in 2008.

Nowadays as scientific advisor he is responsible for setting up the new R&D strategy of the ceramic related research programs of the HAS Centre of Energy Research. His research area covers high performance ceramic materials for energy, medical, sensor and high temperature applications, focusing to ceramic nanocomposites with novel structures. He pioneered research works on silicon nitride based ceramic nanocomposites reinforced with carbon nanotubes or graphene nanoplatelets, including other topics on functional nanoporous hexagonal tungsten oxide materials and bioactive ceramics from natural resources. Csaba Balazsi's research on ceramic nanocomposites has resulted in 180 scientific papers, 7 book chapters and 9 patents.

He is an active elected officer of several scientific societies including the Executive Council of the Federation of European Materials Societies (FEMS), Young Researchers Board of HAS and Bolyai Advisory Board of HAS. Csaba Balazsi has been a President of Fine Ceramic Division of Hungarian Scientific Society of Silicate Industry since 2013 and member of Council of the European Ceramic Society since 2014. He served as a Guest Editor in Journal of European Ceramic Society in 2012, has been a Topic Organizer in ECERS2015 and Chair of ECERS2017 in Budapest, Hungary.