

Emanuel Ionescu has been a Heisenberg Research Group Leader and Docent at the Institute for Materials Science of Darmstadt University of Technology. He studied Chemistry and Physics at the University Bucharest and at Braunschweig University of Technology and received his PhD degree in Inorganic Chemistry in 2005 from the University of Bonn. In 2015, he finished his Habilitation at Darmstadt University of Technology in the field of Ceramic Nanocomposites and received his *venia legendi*. His scientific background and interests relate in general to (inorganic) materials synthesis and processing and in particular to the development of advanced ceramics with tailor-made chemical/phase compositions, morphologies, microstructures and property profiles for structural applications (construction materials, high-temperature resistant materials, materials for extreme, harsh environmental conditions) as well as for energy-related, environmental or biomedical applications. Dr. Ionescu authored and co-authored more than 130 publications, among them more than 110 papers in peer-reviewed journals, more than 10 books and book chapters and three patents as well as gave more than 75 invited talks at domestic and international conferences and workshops. He is member of the American Ceramic Society (ACerS), European Ceramic Society (ECerS) and German Ceramic Society (DKG), as well as of the German Materials Society (DGM) and German Chemical Society (GdCh). He has been serving since 2018 as Secretary for the Rhein Ceramics Chapter Germany of the American Ceramic Society and since 2019 as an Editor of the Journal of the European Ceramic Society.