



FELLOWS

ERKKI LEVÄNEN FINLAND



Erkki Levänen, professor of ceramic materials at Material Sciences and Environmental Engineering at Tampere University, Tampere, Finland.

Erkki Levänen graduated 1989 in Tampere Technical University to M.Sc of Engineering with topic “Fracture toughness measurement methods for engineering ceramics”. Studies continued at materials technology at Tampere and 2004 the Dr. thesis was completed with topic: “Alumina Membranes - Colloidal processing and Evolution of Functional Properties”.

Levänen has worked as researcher in several projects ranging from academic basic research to industrial development projects. He was appointed as professor of ceramic materials at Tampere University of Technology 2012. He acted as head of Department of Materials Science 2014-2016, head of the laboratory of Materials Science 2017-2018 and as subunit head of Engineering Materials Science at Tampere University 2019-2022.

Prof. Levänen has authored/coauthored over 200 publications, from which over 120 peer-reviewed are articles. H-index is 32 with over 4400 citations. He is involved in 4 patents. His research focus is on processing of ceramics, especially in colloidal processing, additive manufacturing and supercritical carbon dioxide assisted processing. The applied focus is on ceramics in energy and environmental applications, like batteries and CO₂ mineralization and fast AM techniques. He is also participating to research of plasticity of ceramic materials.

Prof. Levänen joined to the Finnish Ceramic Society 1994. He acted as the secretary of the Finnish Ceramic Society 2013-2023 as well as ECerS council member. Currently he is a board member of the Finnish Ceramic Society.