



FELLOWS

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Dr. Olivier Guillon has been director at the Institute of Energy and Climate Research – Materials Synthesis and Processing (IEK-1, Forschungszentrum Jülich, Germany) and professor at the RWTH Aachen University since 2014. He studied materials science and engineering at the Ecole des Mines d'Alès and completed his PhD on the non-linear behaviour of ferroelectric ceramics in France. He then worked on constrained sintering with J. Rödel at TU Darmstadt, Germany. He established a DFG funded Emmy Noether Group on new ceramic processes and spent two years at the Friedrich Schiller University of Jena as Professor of Mechanics of Functional Materials.

Guillon is the spokesperson of the research program “Materials and Technologies for the Energy Transition” within the Helmholtz Association. He works on ceramic materials and components for solid-state batteries, solid oxide fuel cells and electrolyzers, gas separation membranes, high-temperature applications. He further consolidates his expertise in sintering and coordinates the DFG priority programme “Fields Matter”.

He has published more than 210 articles in international referred journals (44 in the Journal of the European Ceramic Society) and is, among others, member of the World Academy of Ceramics and DKG steering committee. He has been involved in ECerS conferences as symposium co-organizer and regular participant and has recently organized a European School on Ceramics for Energy (EnergyCeram).