

Prof. Dr. Martin Palou

Prof. Dr. Martin Palou is a Full University Professor at Slovak University of Technology in Bratislava where he received a diploma in Engineering of Inorganic Materials and Technology, and later a PhD. He is a specialist in chemistry education and in research of silicate materials. His research activities cover principally the area of special inorganic binders based on Low-energy and Low-carbon cements, special concrete for geothermal wells, irradiated concrete, development of multicomponent cements, geopolymers, inorganic biomaterials, glass and advanced ceramics. He is deeply interested in use of thermal and calorimetric methods, particularly for the study of kinetics and mechanism of heterogeneous processes of glass crystallization and cement hydration.

He is presently the Deputy Director and Head of the Department of Materials and Structures at the Institute of Construction and Architecture from the Slovak Academy of Sciences.

He was a member of the Technical Committee of the European Committee for Standardization for cement and building lime, where he worked on the harmonization of European standards for cement.

He is Chairman of the National Technical Committee for Standardization of cement and building lime, member of RILEM TC AMC "Use of Agro-based materials as cementitious additions in concrete and cement-based materials" and Chairman of the Commission for Civil Engineering and environmental engineering, including mining, metallurgy and water management sciences of the Scientific Grant Agency from the Ministry of Education. He is also member of the Editorial Board as Associate Editor of Journal of Thermal Analysis and Calorimetry, Ceramics-Silikaty etc.

Prof. Martin Palou is author of more than 200 peer-reviewed and edited publications of original results in impacted journals, in proceedings of scientific and technical conferences. His works were cited more than 450 times (without self-citation WOS source) and 100 times out of SCI. He is also a reviewer of many international journals, national and international projects. He was awarded in 2010 by Industrial Property Office of the Slovak Republic (ÚVPV SR) by receiving the prize " Jána Bahýľa „ for his Patent 286,943 - Method of production of Portland cement clinker using crystalline blast furnace slag".