

Yoshio Sakka is a Senior Scientist and an advisor of Graduate Program Office at National Institute for Materials Science (NIMS), Program Officer of A-STEP at Japan Science and Technology Agency (JST), Vice President of Japan Society of Powder and Powder Metallurgy, and Vice President of Japanese Ceramic Society.

He received his B.E. in 1978, M.E in 1980, and Ph. D. in 1983 from Kyushu University for his work on cationic diffusion of zirconia solid solution systems. After receiving his Ph.D, he joined the National Research Institute for Metals (present NIMS). During 1991-92, he stayed a year in University of Washington. He was director of Nano Ceramics Center (2006-2011) and that of Materials Processing Unit (2011-2016) at NIMS, and Professor of the University of Tsukuba (2009-2016).

His current interests are to fabricate innovative ceramics that show novel individual property and/or multi-functional properties among electric, dielectric, thermal, optical, chemical and mechanical properties through the development of nanoparticle processing including novel sintering techniques.

He is the author or coauthor of 20 books, above 700 original referee's papers, above 100 review papers, and above 80 patents (including application). By the above establishment, he received many awards, such as Fulrath award from American Ceramic Society (2000), academic achievement from Japanese Ceramic Society (2005), Chinese Ceramic Society Award (2005), Academic achievement from Japan Institute for Metals (2007), Academy member of World Academy of Ceramics (2009), **Academic achievement from Japan Society of Powder and Powder Metallurgy(2010)**, Richard Brook Award from European Ceramic Society (2011), Phase Equilibria Award from American Ceramic Society (2014), Fellow of Japanese Ceramic Society (2015), **KONA award from Hosokawa Powder Technology Foundation (2016)**, **Honorary Fellow of European Ceramic Society (2017)**, Fellow of American Ceramic Society (2017).