



Kikuo Okuyama

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Biographical Sketch of the Speaker

Dr. Kikuo Okuyama is a Professor Emeritus in the Dept. of Chem. Eng., Hiroshima University, Japan. He has been involved in aerosol and colloid science and technology for about 45 years. His research has touched many aspects of particle science and technology, from fundamental investigations into the dynamic behaviors of fine particles to the development of advanced particle measurement equipment with a recent focus on material synthesis using aerosol and colloid techniques. He received B.S. (1971) and M.S. (1973) in Chem. Eng. from Kanazawa University. He started to work at the Osaka Prefecture University (1973) and received his Dr. Eng. in Chem. Eng. with the thesis entitled “Coagulation of Aerosols” in 1978. He visited the United States in 1979 and worked as a post-doctoral researcher at the University of Houston (1979–1980) and a visiting associate at California Institute of Technology (summer time, 1985-1991, 1993). Since 1990, he was a full-professor in the Dept. of Chem. Eng. at Hiroshima University until his retirement in 2013. He has co-authored more than 500 scientific papers, 200 review papers, and 150 patents, contributed to the progress in particle science and technology worldwide. He has been engaged in many national projects concerning particle contamination control, nanomaterial synthesis, global impact of atmospheric aerosols, and so on. In particular, he served as the Project Leader of the Japan’s first Nanoparticle Project funded by the Ministry of Economy, International Trade and Industry of Japan (METI) through the NEDO from 2001 to 2006, which involved many companies and universities and was a great success. He has received numerous honors and awards, including the Fuchs Memorial Award (2002). He is currently the Director of the Hosokawa Powder Technology Foundation and serves as editor-in-chief of the KONA Powder and Particle Journal.