

## **Michael R. Hoffmann**

Professor Michael Hoffmann received a BA degree in chemistry from Northwestern University in 1968, a PhD degree in chemistry from Brown University in 1973 and a post-doctoral fellowship from the National Institute of Environmental Health Sciences at the California Institute of Technology covering the period of 1973-1975. Prof. Hoffmann has served as a Professor of Environmental Chemistry since 1975. From 1975 to 1980, he was member of the faculty at the University of Minnesota, and since 1980 as a member of the professorial faculty at Caltech. From 2002 to 2009, he served the Institute as Dean of Graduate Studies. He has published more than 300 peer-reviewed professional papers and is the holder of 7 patents. His research over 40 years has spanned the subject areas of aquatic chemistry, atmospheric chemistry, fundamental physical inorganic and organic chemistry, chemical kinetics, redox chemistry, catalytic oxidation and reduction, photochemistry, photocatalysis, nanotechnology, sonochemistry, photo-electrochemistry, and pulsed-power plasma chemistry. Prof. Hoffmann has been recognized by the ISI Web of Science as one of the most highly cited researchers in engineering in the world with more than 17,900 total citations (H-Index = 69) with one paper receiving more than 5000 total citations. He was awarded the Alexander von Humboldt Prize in 1991 for his research and teaching in environmental chemistry and the American Chemical Society Award for Creative Advances in Environmental Science and Technology in 2001. Last year, he was on sabbatical leave as a Distinguished Chair Professor within Atmospheric Sciences, Chemistry, and Environmental Engineering at the National Taiwan University. In early 2011, he was elected to the National Academy of Engineering.