



SHORT BIO

Sumit Chakraborty is a Professor of Mineralogy at the Ruhr-Universität Bochum in Germany. He was educated at Presidency College and Calcutta University in India (B.Sc and M.Sc), the University of Arizona in the USA (PhD), and obtained his Habilitation at the University of Cologne in Germany; in between he was a Research Scientist at the GeolInstitut in Bayreuth. His research uses physical chemistry to study timescales of terrestrial and planetary processes and his key contributions include the development of tools such as diffusion chronometry, on which he leads a Research Unit funded by the German Science Foundation. He has contributed to the understanding of the workings of Italian volcanoes, mountain building in the Himalaya or the formation of the oceanic crust. His work has been recognized through the award of the Dana Medal of the Mineralogical Society of America and Fellowships of the Mineralogical Society of America, The Geochemical Society and the European Association of Geochemistry; he is the Past-President of the Geochemical Society. He is a Principal Editor of ELEMENTS, a journal produced jointly by 18 Mineralogical and Geochemical Societies across the Globe to propagate the Mineral Sciences, and is also an Associate Editor of ACS Earth and Space Chemistry. He has held visiting faculty positions in several countries, and his students and post-docs have been recognized through several international awards.