

Bio-Sketch of Speaker

Samir H. Chikkali

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Samir Chikkali earned his Ph.D. under the supervision of Prof. Dietrich Gudat from the University of Stuttgart, Germany. Subsequently, he did postdoctoral research with Prof. Joost Reek at the University of Amsterdam, Netherlands and Prof. Stefan Mecking at the University of Konstanz, Germany. In 2012 he returned to India and joined CSIR-National Chemical Laboratory (CSIR-NCL), Pune, to start his independent research career. He has guided 6 Ph.D. students, 5 post-docs and 12 project assistants. Currently he leads a team of 12 highly motivated researchers in organometallics, (functional) polyolefins and renewable/degradable polymers. His scientific interests are- functional olefin polymerization, renewables to polymers, P-stereogenic supramolecular phosphines and asymmetric hydrogenation/hydroformylation. His honours and awards include, fellowship from Indian Academy of Science, DPI (Dutch Polymer Institute) postdoctoral fellowship, AvH (Alexander von Humboldt) postdoctoral fellowship, the Ramanujan (DST) Fellowship, Best Scientist Award by North Maharashtra University, Scientist of the Year Award 2016-2017 by NCL-RF and Young Associate of Maharashtra Academy of Sciences 2017.

His research in organometallic catalysis has been rightly recognized by peers with top quality publications and has been equally applauded by industry with sponsored projects from Reliance Industries Limited (RIL), Hindustan Petroleum Corporation Limited (HPCL) and Gas Authority of India Limited (GAIL). His work has led to over 55 publications in international journals of high repute (including J. Am. Chem. Soc.; Macromolecules; Angew. Chem. Int. Ed.; J. Org. Chem.; Inorg. Chem.; Organometallics, Prog. Polym. Sci. etc), he is an inventor on 15 patents (including, WO, US, EP, JP, DE etc) and has edited a book.