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Subjects Physical Chemistry, Materials Chemistry, Catalysis & Inorganic Chemistry

Education and experience

- PhD (Mahatma Gandhi University/JNCASR Bangalore). Advisor: Prof. C. N. R. Rao FRS
- Postdoctoral Fellow –Technical University of Eindhoven (2002-2005)
- Postdoctoral Fellow –Technical University of Denmark (2006-2007)
- Postdoctoral Fellow –Cardiff Catalysis Institute, Cardiff University, UK (2009-2010)

Research Area

- Applying surface science techniques for understanding Catalysis
- Probing active sites in a catalyst under operando conditions
- Designing tailor made catalysts using surface science inputs

Recent publications

- A. C. Sunil Sekhar, C. J. Meera, K. V. Ziyad, Chinnakonda. S. Gopinath and C. P. Vinod*, Catal. Sci. Technol, 3 (2013) 1190.
- Roy, Kanak; Vinod, C. P* and Gopinath, Chinnakonda S*, J. Phys. Chem C 117 (2013) 4717.
- A. C. Sunil Sekhar, Kumarsrinivasan Sivaranjani, Chinnakonda S. Gopinath, C.P. Vinod, Catalysis Today 198 (2012) 92.
- Vinod. C. P, Karen Wilson, and Adam F Lee, J. Chem. Tech. Biotech, 86 (2011) 161
- Adam F Lee, Vinod. C. P and Karen Wilson Chem. Surface X-ray studies of catalytic clean technologies, Comm. Feature, 46 (2010) 3827.
- C. P. Vinod, Surface science as a tool for probing nanocatalysis phenomena, Catalysis Today 154 (2010) 113.