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Wednesday, April 17, 2013

Somerset-Bridgewater Hotel, Somerset, New Jersey
(Formerly Crowne Plaza Hotel)

Peng Chen

Professor, Department of Chemistry and Chemical Biology, Cornell
University

**Single-Nanoparticle Catalysis at Single-Turnover and Nanometer
Resolution**

Peng Chen is a Professor in the Department of Chemistry and Chemical Biology at Cornell University. He received his B.S. in Chemistry from Nanjing University, China in 1997. After a year at University of California, San Diego with Prof. Yitzhak Tor learning organic synthesis, he moved to Stanford University and did his Ph.D. with Prof. Edward Solomon in bioinorganic/physical inorganic chemistry. In 2004, he joined Prof. Sunney Xie's group at Harvard University for postdoctoral research in single-molecule biophysics. He started his faculty appointment at Cornell University in 2005. His current research focuses on single-molecule imaging of nanoscale catalysis, as well as of metal homeostatic machineries both in vitro and in vivo. He has received a Dreyfus New Faculty award, a NSF Career award, a Sloan Fellowship, a Paul Saltman Award, and a CAPA Distinguished Junior Faculty Award.

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