


Speaker Profile

	<p>Name : Taeghwan Hyeon</p> <p>Title: Professor</p> <p>Institute: National Creative Research Initiative Center for Oxide Nanocrystalline Materials and School of Chemical and Biological Engineering, Seoul National University</p> <p>Educational Background</p> <ol style="list-style-type: none">1) B. S., Seoul National University, Chemistry, 19872) M. S., Seoul National University, Chemistry, 19893) Ph. D., University of Illinois at Urbana-Champaign, Inorganic Chemistry, 1996 <p>Other Research Experience</p> <p>Postdoctoral Research Associate, Northwestern University, Catalysis Center, June 1996-July 1997, Advisor: Wolfgang M. H. Sachtler</p> <p>Since 1997 when he joined Seoul National University, Dr. Hyeon continued his research on the development of new synthetic processes for high quality nanomaterials. He is interested in synthesis of various nanomaterials such as inorganic nanoparticles and porous materials. With high quality nanostructured materials, he currently is working on application using various nanostructured materials such as biomedical and catalytic applications.</p> <p>He is a Fellow of Royal Society of Chemistry, UK, since September 2006 and in Editorial Board of major chemical and material journals.</p> <ol style="list-style-type: none">1) <i>Advanced Materials (Wiley-VCH)</i>, since August 2005.2) <i>Chemical Communications (Royal Society of Chemistry)</i>, since March 2006.3) <i>Small (Wiley-VCH)</i>, Founding Editorial Board Member, since 2004.4) <i>International Journal of Nanotechnology</i>, Founding Editorial Board Member since 2003. <p>Representative Publications</p> <ol style="list-style-type: none">1) "Synthesis of Monodisperse Spherical Nanocrystals," <i>Angew. Chem. Int. Ed. (invited review)</i> 2007, 46, 4630.2) "Recent Progress in the Synthesis of Porous Carbon Materials," <i>Adv. Mater. (invited review)</i> 2006, 18, 2073.3) "Chemical synthesis of magnetic nanoparticles", <i>Chem. Comm. (Invited Feature Article)</i> 2003, 927.4) "Synthesis of New Nanoporous Carbon Materials using Silica Nanostructured Materials as Templates," <i>J. Mater. Chem. (Invited feature article)</i> 2004, 14, 478.5) "Ultra-Large Scale Syntheses of Monodisperse Nanocrystals via a Simple and Inexpensive Route," <i>Nature Mater.</i> 2004, 3, 891.6) "Wrap/bake/peel process for nanostructural transformation from β-FeOOH nanorods to biocompatible iron oxide nanocapsules," <i>Nature Mater.</i> 2008, 7, 242-247.7) "Designed Fabrication of Multifunctional Polymer Nanomedical Platforms for Simultaneous Cancer-Targeted Imaging and Magnetically-Guided Drug Delivery," <i>Adv. Mater.</i> 2008, 20, 478-483.8) "Development of a new T1 contrast agent for magnetic resonance imaging using MnO nanoparticles," <i>Angew. Chem. Int. Ed. (Issue Cover Article)</i> 2007, 46, 5397.9) "Fabrication of Hollow Palladium Spheres and Their Successful Application to the Recyclable Heterogeneous Catalyst for Suzuki Coupling Reactions," <i>J. Am. Chem. Soc.</i> 2002, 124, 7642.
<p>Contact Details</p>	
<p>Organization Name: Seoul National University</p>	
<p>Address: San 56-1, Shilim-9-dong, Gwanak-gu, Seoul, Korea</p>	
<p>Phone: +82-2-880-7150</p>	
<p>Fax: +82-2-886-8457</p>	
<p>Email: thyeon@snu.ac.kr</p>	
<p>Website: http://nanomat.snu.ac.kr</p>	

