

List of speakers



Prof. Peng-Xiang Hou

Institute of Metal Research, Chinese Academy of Sciences

Prof. Peng-Xiang Hou received her PhD degree in Materials Science and Engineering at Institute of Metal Research in 2003. Then, she joined the Kyotani's group as an JSPS Fellow at Tohoku University, and started researches on templated carbons. She returned to Institute of Metal Research in 2007 and started researches on single-wall carbon nanotubes (SWCNTs). She has published more than 60 peer-reviewed papers in journals such as ACS Nano (5), J. Mater. Chem. (6), Adv. Mater. and J. Am. Chem. Soc. up to now. She received many awards such as the top 50 highly cited articles by Chinese Mainland Authors 2006–2010 (2010), Excellence in Review Award (2012). Her current research interests are SWCNT-controlled synthesis, properties and their applications.

Title of talk:

Controlled synthesis of SWCNTs with semiconducting or metallic conductivity



Dr. Ángel Berenguer-Murcia

University of Alicante

Dr. Ángel Berenguer-Murcia obtained his PhD degree in Materials Science at the University of Alicante in 2005. During his PhD he did several stays as guest researcher at the University of Newcastle upon Tyne, Delft University of Technology, and the University of Cambridge, performing studies on adsorption in advanced porous materials, development of carbon-supported zeolite membranes, and nanoparticle research. After several post-doctoral stays at the University of Cambridge and Eindhoven University of Technology between 2006 and 2008, he joined the group of Prof. Diego Cazorla-Amorós at the University of Alicante in 2009 as a Research Fellow. In 2012 he visited the group of Prof. Kyotani where he synthesized new carbon materials for energy storage applications. His research interests are porous materials, nanoparticles, carbon materials, and their applications for environmental catalysis and energy storage.

Title of talk:

From Oxide Nanoparticles to Binderless Supercapacitor Electrodes

Web page:

<http://web.ua.es/en/mcma/carbon-materials-and-environment-research-group.html>



Dr. Raúl Berenguer

Málaga University

Dr. Raul Berenguer is a Postdoctoral Researcher at Malaga University. He received his BSc and MSc of Chemistry (2004) and Materials Science (2006), respectively, from the University of Alicante. He got his PhD in the field of Material Science and Applied Electrochemistry from the same University in September of 2010. Next, he joined the Laboratory of Prof. Kyotani in Sendai (Japan) supported by Nissan Motor Company until April 2012. Since then, he joins a Contract for Young Researchers from the Spanish Government. Dr. Berenguer's main research interests include the development and optimization of new electrodes for energy storage and conversion; the electrochemical behavior, modification and regeneration of carbon materials; or the abatement of pollutants by electrochemical methods. Among his more than 60 contributions to different National and International Conferences, it can be highlighted his 30 oral communications, with 3 keynotes and 2 invited lectures. He has published 19 technical papers, 3 patents and in 2011 he received the Young Researcher Award of the Spanish Carbon Group, of which is an active member.

Title of talk:

Phosphorus-Functionalized Carbon Materials for Electrochemical Applications



Dr. Baigang An

University of Science and Technology Liaoning

Prof. Baigang An received his PhD degree in the Applied Chemistry at Tianjin University in 2003. Then he worked as an associate professor engaging in teaching physical chemistry lessons and materials chemistry research in University of Science and Technology Liaoning (USTL). He had ever worked as a research fellow and visiting scholar in Kyotani lab in 2008 and 2012 two years around. Now he works in USTL. His research interests include synthesis of carbon nanomaterials and their application in electrochemical storage and conversion of energy, and metal corrosion and protection.

Title of talk:

Preparation and Electrocatalytic Performance of Iron Based Nitrogen Doped Carbon Nanotubes

Web page: <http://www.ustl.edu.cn>



Dr. Lixiang Li

University of Science and Technology Liaoning

Prof. Lixiang Li received her PhD degree in the field of Material Science at Institute of Metal Research, Chinese Academy of Sciences in 2005. Then, she joined the University of Science and Technology Liaoning. During 2007-2009, she joined the Kyotani's group as a postdoctoral at Tohoku University. 2013-2015, she was a visiting scholar in University of Michigan (Ann Arbor). Her research interests are energy storage materials, such as carbon based material, transition metallic compound, and VN.

Title of talk:

Carbon nanotubes coated with a nitrogen-doped carbon layer and its enhanced electrochemical capacitance

Web page: <http://www.ustl.edu.cn>



Assoc. Prof. Metta Chareonpanich

Kasetsart University

Dr. Metta Chareonpanich received her PhD degree in the field of Applied Chemistry at Tohoku University in 1996. Then, she came back to work at Kasetsart University, Thailand. Dr. Chareonpanich's research career has been established on "Cleaner Production Concept". She has expertise in multidisciplinary research on catalyst and absorbent preparation which includes zeolites, mesoporous silica, and composite materials. Her research applications are mainly focused on VOC absorption and multifunctional catalysts for green chemical feedstock and alternative energy production from greenhouse gases. Following her academic achievements, Dr. Chareonpanich has been invited to deliver keynote speeches at various local and international conferences. She has also served as a reviewer for 20 well-recognized international academic journals. In 2007, Dr. Chareonpanich was given the L'Oreal Thailand's "For Women in Science" Fellowship Award with the support of the Thai National Commission for UNESCO. Furthermore, in 2013, she was selected by Petroleum Institute of Thailand to receive the PTIT Awards for 2013-2014 (PTIT Fellow) as the people who has conducted outstanding academic research that are accepted by education and industrial sectors in the areas of Petroleum (Oil & Gas) and Petrochemicals.

Title of talk: **Current research in KU-Green Catalysts Group (GCG)**

Web page: <http://www.che.eng.ku.ac.th/index.php/en/our-team/faculty/32-assoc-prof-dr-metta-chareonpanich>



Prof. Quan-Hong Yang

Tianjin University, China

Prof. Quan-Hong YANG received his PhD degree on carbon materials from ICC CAS in 1999. Then, he continued his carbon research as postdoctoral fellows in IMR CAS, CNRS France, Tohoku University (Kyotani Lab) and Southampton University. He became a full professor of Tianjin University in September 2006. He is now also a "Pengcheng Scholar professor" of Graduate school at Shenzhen, Tsinghua University. His research is totally related to novel carbon materials, from porous carbons, tubular carbons to sheet-like graphenes with their applications in energy storage (lithium-based battery and supercapacitor) and environmental protection. His research contributes to over 100 peer-reviewed papers published on Nature Chem, Adv Mater, JACS, Sci Rep, Nano Lett, ACS Nano, Energy Environ Sci, Adv Energy Mater, Adv Funct Mater, Nano Energy, etc. He was awarded some academic awards including Nature Science Award of Tianjin (1st class, 2013), the Science and Technology Progress Award of Tianjin (1st class, 2012) and the Brian Kelly Award (2004). Now he holds over 20 patents about graphene and nanocarbons.

Title of talk:

Self-assembly of graphene for energy storage

Web page: <http://nanoyang.tju.edu.cn/>