

International Conference and Expo on **Ceramics**

August 17-18, 2015 Chicago, USA

Nanoceramics

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This workshop will be mainly focused mainly on various nanoceramic materials and its applications. This will generate a common ground for the researchers to share ideas. The interest in the area is growing due to excellent materials with unusual materials properties by manipulating the length scale in the nano range. This results in better performance materials with new applications and various areas. It is well known that any new research and breakthrough in such emerging research area needs focused discussion what potentially can enable to new ideas and also in networking by international meeting in the form of workshop. Workshop may lead to structure-property relationship to nanoceramic materials. In the technical session various aspects of nanoceramics at the research level on production and various other applications will be discussed together with the discussion with eminent scientists.

Biography

Ajay Kumar Mishra is a full Professor at the Nanotechnology and Water Sustainability Research Unit at College of Science, Engineering & Technology, University of South Africa, Florida Science Campus, South Africa. He received his B. Sc, M. Sc., degrees in 1997 and 2001 respectively from Purvanchal University Jaunpur, India and M. Phil. and Ph.D. degrees in 2003 and 2007, respectively, from The University of Delhi, India. From March 2006 to September 2009, he was postdoctoral fellows at various South African Institutes/Universities. In addition, he was appointed as "Senior Lecturer" in October 2009 at the Department of Applied Chemistry, University of Johannesburg, South Africa where he was promoted to "Associate Professor" in November 2011 until December 2014. Recently, he was appointed by University of South Africa as "Full Professor" since January 2015. He is also working as "Adjunct Professor" at Jiangsu University, China. His research interests include synthesis of multifunctional nano-materials, nano-composites, biopolymer and/or petrochemical based biodegradable polymers, polymers based materials/composites, smart materials, CNT and graphene based composite materials and water research. He has authored over 100 scientific papers. He has hosted several visiting researchers/scientists/postdocs in his group. He has also developed a number of collaborations worldwide. He has delivered a number of including Plenary/Keynote/Invited Lectures. For his outstanding research profile, he was awarded a number of international awards. Prof. Mishra also served as Associate Editor as well as member of the editorial board of many peer-reviewed international journals. He has edited several books by the renowned publishers and also reviewer of many international journals. He is serving as member advisory board of a number of international scientific societies, conferences and workshops.

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