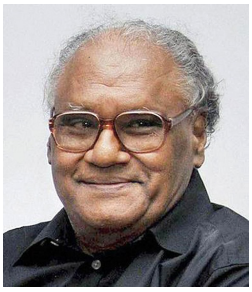
SEMINAR SERIES

International Institute for Carbon-Neutral Energy Research
Kyushu University

Title Materials Science Research in India



Speaker Prof. C.N.R. Rao

National Research Professor, Honorary President
Linus Pauling Research Professor
Jawaharlal Nehru Centre for Advanced Scientific Research
India

Date & Time Monday, August 25, 2014 4:00 p.m.
Place I²CNER Hall, Ito campus, Kyushu University

Abstract

Materials research has gained considerable importance in India in the last two to three decades. There are many institutions with leading departments dealing with materials science and engineering. There are also many research institutes working in materials science. Some of the main areas of work are related to energy materials, magnetic and electronic materials, composites, nanomaterials and so on, besides metallic systems. In nanomaterials, India has gained some importance and ranks third or fourth in the world in research contributions. There are several laboratories in India which are solely dedicated to materials research and technology. Indian institutions have several collaborative agreements with institutions in foreign countries. Special mention must be made of the recent agreement made between RIKEN, and my own institute (JNCASR) in Bangalore. We also have collaboration with Northwestern University and Purdue University. The Indian Institutes of Technology and similar institutions are actively involved in international collaboration in chosen areas of materials science and engineering.

About the Speaker

Prof. C.N.R. Rao (born on 30 June 1934, Bangalore, India) is the National Research Professor as well as Honorary President and Linus Pauling Research Professor at the Jawaharlal Nehru Centre for Advanced Scientific Research. He is also an Honorary Professor at the Indian Institute of Science. His main research interests are in solid state and materials chemistry. He is an author of over 1600 research papers and 48 books. He received the M.Sc. degree from Banaras, Ph.D. from Purdue, D.Sc. from Mysore universities and has received honoris causa doctorate degrees from 63 universities including Purdue, Bordeaux, Banaras, Calcutta, Sri Venkateswara, Delhi, IIT Bombay, IIT Kharagpur, IISERs (Bhopal, Kolkata, Mohali, Pune), Northwestern, Notre Dame, Novosibirsk, Oxford, Stellenbosch, Grenoble, Uppsala, Wales, Wroclaw, Caen, Liverpool, St. Andrews and Desikottama from Visva-Bharati.

He is the first recipient of the India Science Award by the Government of India and received the Dan David Prize for science in the future dimension for his research in Materials Science in 2005. He was named as Chemical Pioneer by the American Institute of Chemists (2005), Chevalier de la Légion d'Honneur by the President of the French Republic (2005) and received the Honorary Fellowship of the Institute of Physics, London (2006) and St. Catherine's College, Oxford (2007). He received the Nikkei Asia Prize for Science, Technology and Innovation (2008). He was awarded the Royal Medal by the Royal Society (2009) and the August-Wilhelm-von-Hoffmann Medal for his outstanding contributions to chemistry by the German Chemical Society (2010). He received the Ernesto Illy Trieste Science Prize for materials research in 2011 and was Albert Einstein Professor of the Chinese Academy of Sciences in 2012. He received Bharat Ratna Award in 2014.

Host: Professor Atsushi Takahara

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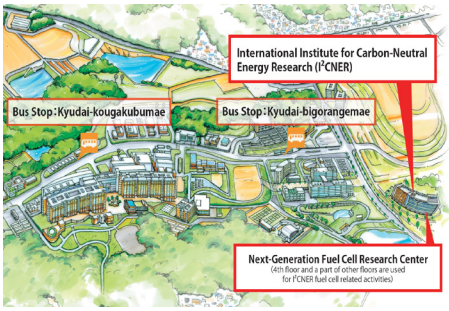

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