



Shinji Inagaki

TOYOTA CENTRAL R&D LABS., INC., NAGAKUTE,
JAPAN

Inagaki interests are synthesis and applications of periodic mesoporous materials. Recently, he focuses his researches on synthesis of mesoporous organic-silica hybrids with various organic functionalities in the pore walls such as light-harvesting, electron-donating, and charge transportation properties. He applies these optical and electrical-responsive materials to solar-energy conversion systems such as photocatalysts and photovoltaic devices.

The research of Inagaki has resulted in 180 papers, several books and 150 patents in the area of mesoporous materials.

His research has also been awarded through the Award of Chemistry on Catalyst Preparation (1994), the Promotion Award of the Japan Society on Adsorption (2001), the Chemical Society of Japan Award for Creative Work for 2004, the Minister Award of Education, Culture, Sport, Science and Technology (2005), and the Japan Society on Adsorption Award (2008).

Education

Doctor of Engineering from Nagoya University, Japan on March 1998. Thesis title "Synthesis and Structure of Mesoporous Crystal, FSM-16"

- April 1982 – March 1984, Master degree, Applied Chemistry, Nagoya University, Japan.

- April 1978 – March 1982, Bachelor degree, Applied Chemistry, Nagoya University, Japan.

Professional career

Toyota Central R&D Labs., Inc., April 1984-present.

Visiting Researcher of National Institute of Materials and Chemical Research in 1995.

Visiting Lecturers in Hokkaido University in 2002, Nagoya University in 2003, Tokyo University in 2004 and Tokyo Institute of Technology in 2005.

Principle Investigator of the CREST project, Japan Science and Technology, from October, 2006 to March, 2012.

Principle Investigator of ACT-C project, Japan Science and Technology, from October, 2013 to present.