

**Prof: SOGA Kohei**  
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Department of Materials Science and Technology

## Profile

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<b>Under-Graduate School</b>	1990, The University of Tokyo Faculty of Engineering Department of Metallurgy and Materials Science Graduated
<b>Graduate School</b>	1995, The University of Tokyo Graduate School, Division of Engineering Department of Materials Science Doctoral course Completed program with degree 1992, The University of Tokyo Graduate School, Division of Engineering Department of Metallurgy and Materials Science Master's course Completed program with degree
<b>Postgraduate Qualification</b>	The University of Tokyo Ph.D. Course  1990-1999 Properties and Structure of Rare Earth doped glasses 1999-2000 Processing and Properties of Rare Earth doped Halide Compounds
<b>Research History</b>	2000- Physical Properties of Icosahedral Cluster Solids 2004- Processing and Properties of Nano-Phosphors 2006- Application of Nano-Phosphors for Biomedical Researches 1994-1995 Research Fellow of the JSPS. 1995-1999 Research Associate at Department of Materials Science, School of Engineering, The University of Tokyo. 1999-2004 Research Associate at Department of Advanced Materials Science, Graduate School of Frontier Science, The University of Tokyo. 2004-2012 Lecturer/Associate Professor at Department of Materials Science and Technology, Tokyo University of Science.
<b>Employment History</b>	2012- Professor at Department of Materials Science and Technology, Tokyo University of Science.  == 1999-2000 Post Doctoral Researcher at Department of Ceramic and Materials Engineering, Rutgers, the State University of New Jersey, NJ, USA.

2006- Group Leader, Polyscale Bioimaging Group, Polyscale Technology Research Center, Tokyo University of Science  
2009- Group Leader, Visualization and Recognition Group, Center for Technologies Against Cancer, Tokyo University of Science  
2009-2010 Visiting Professor, National Tsing Hua University, Taiwan, ROC

<b>Research Keyword</b>	rare earth, bioimaging, icosahedral cluster solid, boron, ceramics, nanoparticles, photonic materials
<b>Research Area</b>	Biomedical engineering/biological material studies (bio imaging, immuno assay) Inorganic material/physical properties (Rare earth, Phosphor) Development of Organic-Inorganic Composite Probe for NIR bio imaging
<b>Research Institute Theme</b>	Processing and Characterization of Rare Earth Nano-Phosphors 3D Imaging Processing and Characterization of Boron Icosahedral Cluster Solids
<b>Academic Awards Received</b>	2007/1/12 Award for Encouragement of Research of Materials Science