

## Call for Applications, Professorship at the Division of Systems Research, Institute of Materials and Systems for Sustainability, Nagoya University, Japan

Division of Systems Research, Institute of Materials and Systems for Sustainability, Nagoya University invites applications for a faculty position at Professor Level.

Institute of Materials and Systems for Sustainability (IMaSS) has been designated by the Ministry of Education, Culture, Sports, Science and Technology (MEXT) as a “Joint Usage / Research Center of materials and systems for innovative energy management” and promotes researches mainly on energy-saving technologies.

With efforts on both global and regional levels, the Division of Systems Research (DS) develops key technologies relating to energy conversion, infrastructures and their networks as well as material conversion and its circulation, that enable ecologically sustainable development. The DS also strives to establish methodologies for realizing the social implementation of such advanced networks. In order to achieve these goals, the Division develops advanced energy conversion technologies and systems, technologies that reduce environmental load and contributes toward resource and energy conservation, and recycling technologies and circulation systems of renewal planning, creating energy-infrastructure control technologies as well as conducting leading-edge research on energy, information and distribution relating to the advanced information network technologies.

### Research Project Theme

Toward establishing a sustainable and sound resource-recycling society, research and development of energy-saving and sustainable technologies are required. Therefore, we are currently seeking a researcher who will work to achieve the R&D project theme on novel materials for energy-saving devices, thermo-fluid technologies for highly-efficient advanced energy conversion systems, energy-saving technologies for reducing environmental impacts, planning and control of energy infrastructures, based on engineering science for sustainable society. The candidates are also expected to collaborate with the Undergraduate Department of Mechanical and Aerospace Engineering and Graduate Department of Aerospace Engineering, on both research and educational activities.

<b>Number of positions:</b>	One professor position available for the research project
<b>Position period:</b>	Tenured (Project period: 5~10 years)
<b>Requirements:</b>	1) Ph.D. or equivalent degree 2) Research record in accordance with the content of the research project 3) Promotion of the research project based on the candidate's specialized field 4) Ability of supervising graduate course students in the Graduate School of Engineering with faculty members of the Undergraduate Department of Mechanical and Aerospace

	Engineering and Graduate Department of Aerospace Engineering, including lectures and experiments.
<b>Starting date:</b>	April 1, 2019 or the earliest possible date after April 1, 2019
<b>Application documents:</b>	<p>1) Curriculum vitae (in any form) with the applicant's photo and e-mail address included</p> <p>2) Publication list categorized by refereed journal papers, review papers, books, patents, and others with the applicant's name underlined</p> <p>3) Reprints of no more than ten major papers (Mark these papers by * in the publication list.)</p> <p>4) Summary of previous researches (within 1000 words)</p> <p>5) Title and summary of the proposed research (ca. 1000 words)</p> <p>6) Summary of teaching experiences (within 1000 words)</p> <p>7) Names and contact information of one or two persons from whom references can be obtained</p>
<b>Deadline:</b>	No later than 17:00 JST of August 31, 2018
<b>Address for application documents:</b>	<p>Dr. Satoshi Iwata  Professor, Director of Institute of Materials and Systems for Sustainability  Institute of Materials and Systems for Sustainability, Nagoya University,  Furo-cho, Chikusa-ku, Nagoya 464-8601, Japan</p> <p>Enclose the above documents in an envelope, write 'Application for professorship in the Division of Systems Research' in red on the envelope and send it by registered mail (documents sent by email attachment is not accepted). Please note that the documents will not be returned after the selection.</p>
<b>Inquiry:</b>	<p>Dr. Takeyoshi Kato  Professor, Division of Systems Research  Institute of Materials and Systems for Sustainability, Nagoya University,  Furo-cho, Chikusa-ku, Nagoya 464-8601, Japan</p> <p>e-mail: tkato* @ *nuee.nagoya-u.ac.jp (Please drop *'s before/after @ in sending e-mail.)  Phone/FAX +81-52-789-5373</p> <p>For details of Institute of Materials and Systems for Sustainability, see the web page at <a href="http://www.imass.nagoya-u.ac.jp/en/">http://www.imass.nagoya-u.ac.jp/en/</a></p>

Retiring age of every professor in Nagoya University is 65 years old. Nagoya University will proactively hire woman staff when the performance evaluation (including research achievements, educational achievements, social contribution and personal quality) of a female applicant is found equivalent to that of male applicants.