

**Call for Applications, Professorship at the Advanced Measurement Technology Center,
Institute of Materials and Systems for Sustainability, Nagoya University, Japan**

Section of Nanofabrication and Characterization, Advanced Measurement Technology Center (AMTC) at the Institute of Materials and Systems for Sustainability (IMaSS), Nagoya University, invites applications for a faculty position at professorial level.

The Section of Nanofabrication and Characterization of AMTC promotes the development of various device technologies for nanofabrication and research on novel nanomaterials and nanodevices.

We are focusing on the development of human resources able to lead 21st century manufacturing focusing technical development.

Research Project Theme

Toward establishing a sustainable and sound resource-recycling society, the creation of functional and environmentally friendly energy saving materials is required.

Therefore, we are seeking researchers who can contribute to resolving the R&D issues of creation, analysis, and development of advanced high-performance functional materials. In particular, we are seeking researchers who will (1) promote the development of measurement technology for nanofabrication processes as well as the research on novel nanomaterials and nanodevices using such measurement technology and (2) oversee technical support using shared equipment for nanofabrication processes.

Job description

The applicant is expected to (1) carry out research on measurement technology for nanofabrication processes and nanodevices at the Section of Nanofabrication and Characterization of AMTC, (2) operate and maintain shared research facilities for advanced technology, and (3) oversee the microfabrication platform project supported by the Ministry of Education, Culture, Sports, Science and Technology. In addition, the applicant will be in charge of the education and supervision of students of the Graduate School of Engineering, in courses managed jointly with the Department of Electronics, Graduate School of Engineering.

Number of positions:	One professor position available for the research project
Position period:	Tenured

Requirements:	<ol style="list-style-type: none"> 1) Ph.D. or equivalent degree 2) Conducted research must be relevant to the content of the research project 3) Able to contribute to the research project with focus on the candidate field of speciality 4) Able to supervise undergraduate and graduate course students of the Graduate School of Engineering in lectures and experiments, coordinating with faculty members of the Department of Electrical Engineering, Electronics, and Information Engineering 5) Research experience on various nanomaterials and nanodevices that may contribute to energy saving and able to operate and maintain equipment installed in Research Facility for Advanced Science and Technology and to promote technical support in the microfabrication platform project. 6) Able to carry out world-leading cutting-edge research on, for example, magnetic nanodevices, using the above-mentioned equipment.
Starting date:	April 1, 2020
Required documents:	<ol style="list-style-type: none"> 1) Curriculum vitae (in any form) with the applicant's photo attached and applicant's e-mail address provided 2) Publication list categorized by peer-reviewed journal papers, review papers, books, patents, and others with the applicant's name underlined, as well as other records on professional activities such as awards, research funds and invited lectures (records of funds should include the names of PIs as well as amounts in Japanese yen) 3) Reprints of no more than five major papers (Mark these papers with * in the publication list.) 4) Summary of previous research (within 1000 words) 5) Title and summary of the proposed research (ca. 1000 words; project period will be 5 to 10 years) 6) Aspiration regarding education and research

	7) Names and contact information of two persons from whom references can be obtained
Deadline:	No later than 17:00 JST of August 31, 2019
Address for application documents:	<p>Munechika Mizuno Personnel Affairs Section, Institute of Materials and Systems for Sustainability, Nagoya University, Furo-cho, Chikusa-ku, Nagoya 464-8603, Japan</p> <p>Enclose the above documents in an envelope, write 'Application for professorship at AMTC' in red on the envelope and send it by registered mail. Documents sent by e-mail attachment will not be accepted. Please note that the documents will not be returned after the selection.</p>
Inquiry:	<p>Dr. Koh Saitoh Professor, Advanced Measurement Technology Center</p> <p>Institute of Materials and Systems for Sustainability, Nagoya University, Furo-cho, Chikusa-ku, Nagoya 464-8603, Japan</p> <p>e-mail: saitoh*@imass.nagoya-u.ac.jp (Please drop *'s before/after @ in sending e-mail.) Phone +81-52-789-3596</p> <p>For details of Institute of Materials and Systems for Sustainability, see the web page at http://www.imass.nagoya-u.ac.jp/en/</p>

Retiring age of every professor in Nagoya University is 65 years old. Nagoya University actively hires staff regardless of gender on the basis of performance evaluation (including research achievements, educational achievements, social contribution and personal quality).