

**Job Opportunity for Assistant Professor (non-PI) in catalysis field at  
Research Center for Materials Science (RCMS), Nagoya University**

Position summary: Research Center for Materials Science (RCMS) is seeking an assistant professor “Jokyo” (assistant professor: non-principal investigator (non-PI)) for the Noyori Laboratory.

1. Affiliation: Research Center for Materials Science (RCMS)
2. Number of positions: 1 “Jokyo”
3. Salary and benefits: Conforming to Nagoya University Pay Rules under the Annual Salary System.
4. Expected starting date: At the earliest convenience from as of April 1<sup>st</sup>, 2021
5. Term: from the date taken up the position till March 31<sup>st</sup>, 2026 (no extension of the term to a tenured position)
6. Qualifications: Holder of a doctorate (Ph.D.) degree (before taking up the position). A good command of English and/or Japanese is required. Enough experience and knowledge of at least two among the following subjects is highly recommended: molecular catalysts for organic synthesis, solid/inorganic catalysts, and data-driven/informatics science (e.g. statistical processing of data accumulated from ab initio/semi-empirical calculations, from surface informatics or from operand measurements; machine learning).
7. Mission: The applicant will join the Noyori Laboratory at RCMS (PI: Prof. Susumu Saito) and cooperate with other members on research projects running in the laboratory. The appointee should be highly enthusiastic to steer research in not only his/her expertise but also in interdisciplinary fields; should have an independent spirit, and is requested to start a new project, related or non-related to the specific projects as follows: 1) Semiconductor photocatalysis; 2) Molecular photocatalysis for CO<sub>2</sub> transformation; 3) Molecular catalysis (for hydrogenation); 4) Organic synthesis.
8. Application deadline: January 8<sup>th</sup>, 2021.
9. Selection: Applicants who pass the primary screening, based upon the submitted documents, will be invited for an interview with faculty members.

10. Application: Compile a .pdf file containing the following 6 items (in either Japanese or English), and send the file by e-mail to the address below. The title of the e-mail should be “Application of Assistant Professor (Noyori Lab)”.

- (1) Curriculum vitae (with your portrait)
- (2) List of publications, invited lectures, and acquisition of research funding
- (3) copies of not more than five representative publications
- (4) Summary of research (A4, 2 pages)
- (5) Research plan including data-driven/informatics sciences and pedagogic interest (A4, 2 pages)
- (6) Two contact references (name, affiliation, and e-mail address)

Professor Shigehiro Yamaguchi

Director of Research Center for Materials Science (RCMS), Nagoya University

E-mail: jinji-chem@chem.nagoya-u.ac.jp

11. Contact: Professor Susumu Saito

PI of the Noyori Laboratory

Research Center for Materials Science, Nagoya University

E-mail: saito.susumu@f.mbox.nagoya-u.ac.jp

**Further Information:**

- The applicant should pay his/her own travelling expenses for the interview.  
Online interview may be held in cases.
- Application documents will not be returned to the applicant.
- The applicant’s personal information will only be used in the selection processes.
- Nagoya University commits to gender equality:  
<http://www.kyodo-sankaku.provost.nagoya-u.ac.jp/en/>