

**Tenure-Track Positions at the Rank of Professor or Associate Professor
with Associated Postdoc Positions
International Research Organization for Advanced Science and Technology (IROAST)
Kumamoto University, Japan**

I. Position Description: Professor or Associate Professor Level

The International Research Organization for Advanced Science and Technology (IROAST), which opened from April, 2016 in Kumamoto University, Japan, is pleased to invite applications for tenure-track positions at the rank of Professor or Associate Professor for the enhancement and development of international research projects ongoing at the Graduate School of Science and Technology. The positions are available from June 1, 2017, or as soon as possible thereafter. Appointments at this rank are for 5-year terms. After qualification (see section V), successful applicants will be promoted to tenure posts in the Faculty of Advanced Science and Technology at least after 5 years. The four priority research areas are as follows: (1) Nano Material Science, (2) Green Energy, (3) Environmental Science and (4) Advanced Green Bio.

Nano Material Science covers a wide area including the development of organic functional materials such as graphene oxide nano-sheets, catalysts and metal materials. It also includes the development of innovative materials under extreme conditions.

Green Energy includes the development and utilization of renewable resources such as geo-thermal, water, and bio-mass resources.

Environmental Science covers a wide area including the protection and evaluation of hydrospheric and atmospheric environments, analysis of climate change, and the protection of underground water and shallow sea areas.

Advanced Green Bio covers a wide area for the interdisciplinary life sciences relating to chemical biology, molecular biology, cooperation with medicine, pharmacy, agriculture (such as the development of drug delivery systems), applications of micro-CTs, applications of informatics, and so on.

Successful applicants will be expected to perform international collaborative research work in these areas with overseas institutions.

Tenure-track professors or associate professors will dedicate their time engaging in high impact international research, publishing high quality papers, and participate in teaching in the Graduate School of Science and Technology.

Qualifications

Applicants are required to have at least a Ph.D. in the associated areas or a closely related discipline, a strong research track record, and evidence of potential for excellence in teaching at the university level. Candidates should have strong oral and written English communication skills. In addition to the startup budget, successful applicants will be expected to develop active, independently-funded research programs as principle investigators.

II. Position Description: Post-Doctoral Fellow

In conjunction with the above applications we also invite applicants to postdoctoral researcher positions in the associated four research areas described above. However, postdoc applications for this open recruitment cannot be made individually. They must be accompanied by another application for either the professor or associate professor positions. Successful candidates should have a Ph.D. in the associated areas, and good communication skills for collaboration with tenure-track professors. The major duty of the postdoctoral researcher is to perform high impact joint research with tenure-track professors and submit high quality papers to international journals. Appointments at this rank are 5-year terms. After qualification (see section V), successful applicants will be promoted to tenure-track posts at the rank of associate professor.

III. Number of Positions: 2

Tenure-Track Professor or Associate Professor posts

IV. Category of Applications

We welcome individual applications and also unit based applications as indicated below:

A. Individual Application

A1: Tenure-track professor post

A2: Tenure-track associate professor post

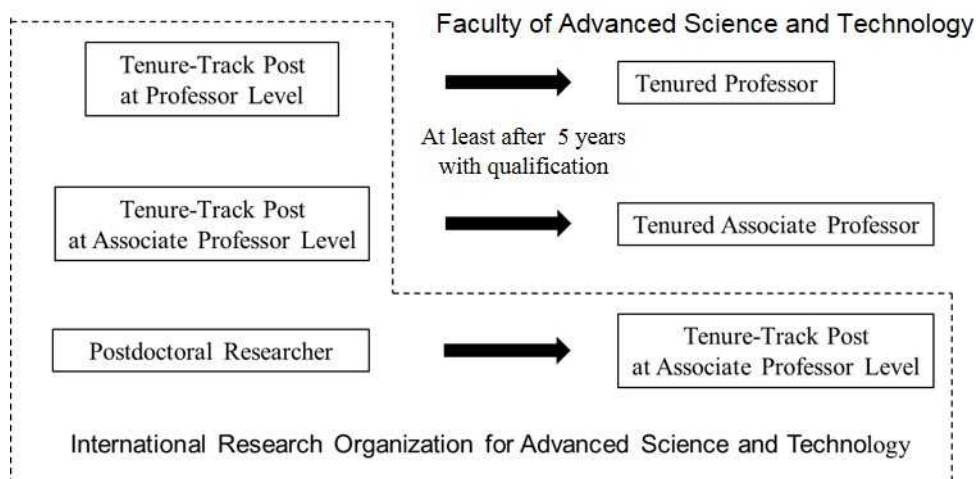
B. Unit Based Application

B1: Application for tenure-track professor post together with tenure-track associate professor and postdoctoral researcher applicants

B2: Application for tenure-track professor post together with postdoctoral researcher applicant

B3: Application for tenure-track associate professor post together with postdoctoral researcher applicant

V. Career Paths after Qualification



VI. Deadline for Applications

Applications are encouraged as soon as possible, but will be accepted until February 28, 2017. Interested applicants are encouraged to assemble and submit an application packet composed of: (1) curriculum vitae with e-mail address, photo and contact information, (2) a list of papers (Add a note whether or not it has been peer-reviewed.), (3) a statement of research accomplishments and potential future activities (not to exceed two pages of A4 size paper), (4) a statement of research interests (not to exceed two pages of A4 size paper) and (5) the names and contact information of at least three references.

The statement of potential future research activities should include: (a) research objectives, (b) recent activity in this area, (c) methodology (how will the research be conducted) and (d) significance and potential impact of the research.

The applied areas, (1) to (4), and the category of the application should be clearly described on your application form.

Applications should be sent via email to:

Dr. Takashi HIYAMA

Director

International Research Organization for Advanced Science and Technology (IROAST)

Kumamoto University

E-mail: hiyama@cs.kumamoto-u.ac.jp.

VII. Selection Process

Preliminary Screening (Document Review): Early March 2017

Secondary Screening (Interview): Early April 2017

VIII. Salary

Salary is determined by the annual salary system of the Kumamoto University.

IX. Inquiries

For further inquiries, contact Prof. Hiyama, e-mail: hiyama@cs.kumamoto-u.ac.jp.

X. Remarks

As regulated in the University policies, the personal information you submit will be used only for the purpose of this selection process.

Kumamoto University supports gender equality. Therefore, the selection process will be conducted in compliance with the Gender Equality Law. For more information regarding our policies on gender equality, please visit <http://gender.kumamoto-u.ac.jp>.

XI. Additional Information

Kumamoto University – <http://ewww.kumamoto-u.ac.jp/en/>

Kumamoto – <http://www.jnto.go.jp/eng/location/regional/kumamoto/kumamotoshi.html>