

**Job Announcement: Yokohama National University,  
Faculty of Environment and Information Sciences  
Tenure-track Assistant Professor Position in Mathematical Informatics**

1. Job Title, Number of Positions:

Assistant professor as a tenure-track faculty position, 1 position

2. Employer:

Yokohama National University, Advanced Institute of Sciences

3. Expected Start Date:

August 1, 2016 or the earliest possible date thereafter

4. Term of Employment:

The term of employment ends on March 1, 2021. However, when the term ends, the successful candidate will become a candidate for promotion to a tenured Associate Professor. He or she will be evaluated objectively in accordance with the university's rules for promotion.

5. Treatment:

Annual salary system. The salary will be determined in accordance with the university's regulations.

6. Field of Research

Mathematical Informatics (Discrete Mathematics, Algorithms)

7. Job Description

The successful candidate will be affiliated with the Advanced Institute of Sciences and will work more than 50% on research in the above-mentioned field. Also, he or she will assist the advising of doctoral and master's students of the above-mentioned or related fields at the Graduate School of Environment and Information Sciences.

8. Qualifications

- (1) Expected to have an excellent publication record in discrete mathematics as well as a deep understanding of the subject and also actively work on research topics related to algorithms and Big Data analysis.
- (2) Expected to demonstrate the ability to acquire external funding for research projects and to collaborate with oversea researchers.
- (3) Must have a doctoral degree.

9. Selection Process

After applications are screened, short-listed candidates will be contacted for interviews. Those who are invited to interviews will not be reimbursed for travel expenses.

10. Documents to Submit

- (1) Resume with recent photograph, including the following sections: Education, Work experience, Research experience, Professional society memberships (domestic or international), Service activities and Honors & awards. If you have teaching and/or research experience oversea, please

make a clear note of it.

- (2) List of publications. The official format must be used. Publications must be grouped into the following categories: Articles, Refereed international conference/symposium papers, Review Articles, Books, Patents, and Miscellaneous (invited talks, corporate/industry collaboration). For each publication, it must be indicated whether it is peer-reviewed or not.
- (3) List of awarded grants (Grant title, Project period, Project title, Role on grant, and Amount of funding)
- (4) A (photo)copy of each of your (up to five) representative publications
- (5) An essay describing your past research and results (about one A4 page long)
- (6) An essay describing your future plans in research at YNU (about one A4 page long)
- (7) Contact details for two references
- (8) A photocopy of your doctoral degree certificate

11. Deadline:

April 25, 2016 (Deadline for receipt)

12. Address:

Send the application packet to the address below. Please clearly indicate "Application for tenure-track position" in red on the envelope. We only accept applications through physical mail. Note also that your application won't be returned unless you include a self-addressed stamped envelope in your application.

Professor Dean Seiya Negami  
Tokiwadai 79-7, Hodogaya-ku, Yokohama-shi 240-8501  
Faculty of Environment and Information Sciences

13. Contact Person

Professor Dean Seiya Negami  
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- All documents provided will only be used for the current purposes, and will be disposed safely after the selection is completed in order to maintain the privacy of personal information.