

# CREST Researcher Position Opportunity

November 30, 2015

## [Project]

[Research Area]

Advanced core technologies for big data integration

[Research Project]

Discrete structural statistics: a data-centric framework for empowering cancer science

[Group Leader] Koji Tsuda (Tokyo U)

[Main Members]

Kenji Kadomatsu (Nagoya U)

Ryo Yamada (Kyoto U)

Jun Sese (AIST)

Ichiro Takeuchi (Nagoya Tech)

(This opportunity is for a posdoc position in Nagoya Tech Ichiro Takeuchi's group)

## [Job Description]

[Job Title]

Post-doctoral researcher

[Affiliation/Work Location]

Department of Engineering in Nagoya Institute of Technology (Nagoya)

[Research Area]

Statistical Machine Learning, Mathematical Statistics, Data Mining, Bio-statistics, Bio-informatics, and Numerical optimization

[Qualification]

The applicant should (or is expected to) have a Ph.D. degree in the field of computer science, statistics, or other related fields. Ideal candidates will have solid knowledge, skills and research-based experiences in the field of machine learning, mathematical statistics, optimization, bio-statistics, or bio-informatics. In addition, sound programming skills and experiences in C, C++ and Matlab would be necessary. Although any knowledge in bio-medical science is not prerequisite, we especially welcome self-motivated individuals who are interested in applying machine learning and statistical methodologies to practical data analysis tasks.

[Arrival Time]

April 1st, 2016 (Negotiable)

[Term]

One year (extension possible up to 5 years depending on her/his performance)

[Work Hours]

8 hours a day

[Holiday]

Saturday, Sunday and National Holidays

[Salary/Supply]

Followed by the rules of Nagoya Institute of Technology (Insurance covered)

[Main research theme]

Development of algorithms and theories of machine-learning or statistical approaches for data-driven scientific discoveries, and apply them to cancer science or other bio-medical studies (research topics would be discussed with supervisor).

## [How to apply / Documents to be submitted]

- (1) Curriculum Vitae (with your photo, postal address, e-mail address, education experiences, working experiences, awards and honors etc.)
- (2) Publication list (categorized into Journal papers, conference papers, talks in conference or workshops, patents, others)
- (3) Copies (pdf files) of your main papers (up to three papers)
- (4) Summary of your past research
- (5) E-mail addresses of two references (e.g., your current and previous supervisors)

[Deadline]

Dec 15, 2015

[Selection process]

Document-based screening followed by An Interview at Nagoya

[Correspondence]

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[How to submit your documents]

1. Make a single PDF file by combining the above (1)-(5) documents
2. Upload the pdf file to a web-site with password so that I can download it
3. Send an e-mail to takeuchi.ichiro@nitech.ac.jp with the subject "CREST researcher application"
4. Write the website address and the password in the e-mail.