

**National Institute of Informatics, Information and Society Research Division,  
Echizen Laboratory, Postdoctoral Fellow (JST CREST)**

**1. Job title**

Postdoctoral fellow

\* Based on performance, successful applicants may be named Associate Professor or Assistant Professor by Special Appointment.

**2. Number of positions**

Several

**3. Work location**

National Institute of Informatics

(Hitotsubashi 2-1-2, Chiyoda-ku, Tokyo)

Directions: 3-5 minutes walk from exit A9 of the Jimbocho subway station on the Toei Shinjuku Line, or from exit 1b of the Takebashi subway station on the Tozai Line (refer to the map at <http://www.nii.ac.jp/en/about/access>).

URL: <http://www.nii.ac.jp/en/>

**4. Affiliation**

Echizen Laboratory, Information and Society Research Division, National Institute of Informatics (NII)

**5. Work description**

Echizen and Yamagishi Laboratories of the National Institute of Informatics have taken a leading role mainly in tackling research issues relating to JST CREST, Social information technologies to overcome the infodemic, and JST CREST, VoicePersonae: Speaker identity cloning. These projects involve a number of research areas including media processing (natural language processing or image/video processing), machine learning, multimedia security and forensics, and social media.

**Reference information**

- ✓ **Echizen Laboratory**, National Institute of Informatics: <http://research.nii.ac.jp/~iechizen/official/index-e.html>
- ✓ **Yamagishi Laboratory**, National Institute of Informatics: <https://nii-yamagishilab.github.io/>
- ✓ **JST CREST: Social information technologies to overcome the infodemic (Research director: Isao Echizen, period of the project: Dec. 2020 – Mar. 2026)**  
This research establishes social information technologies that support diverse communication and decision-making while appropriately dealing with the potential threats posed by fake media (FM) generated by AI. We will establish FM generation technology, FM detection technology, and FM detoxification technology for fake media (FM) with various modality classified into three types. Furthermore, by utilizing these technologies, we will establish decision-making support technologies that support various decisions on SNS.
- ✓ **JST CREST: VoicePersonae: Speaker identity cloning and protection (Research director: Junichi Yamagishi, period of the project: Oct. 2018 – Mar. 2024)**  
[https://www.jst.go.jp/kisoken/crest/en/project/1111098/1111098\\_2018.html](https://www.jst.go.jp/kisoken/crest/en/project/1111098/1111098_2018.html)

**6. Qualifications**

Applicants should hold or expect to hold a doctoral degree or equivalent academic credential by the appointment date. Note that preference will be shown to applicants with experience and knowledge of more than one of the areas listed in Item 5 above.

**7. Period of employment**

Job starting date : April 1, 2021 (or earlier date negotiable)

The term of Employment : from the starting date to March 31, 2022

Contract may be renewed after expiration of the above term (The maximum term of employment shall be March 31, 2026).

\* The job starting date is negotiable

\* The contract may be renewed on a yearly basis.

## **8. Workdays**

Five days a week, Monday through Friday

\* Days off: Saturdays, Sundays, public holidays, and year-end and New Year's holidays (December 29 - January 3).

\* Summer vacation: Any two consecutive days between August 12 and 18, excluding Saturdays and Sundays.

## **9. Working hours**

Seven hours and 45 minutes per day under a discretionary work system.

## **10. Vacation**

Conferred in accordance with regulations:

Annual paid leave

Vacation other than annual paid leave

## **11. Salary**

Paid in accordance with regulations:

Basic wage: ¥400,000 or more per month (calculated based on experience)

Commuting allowance: Amount paid to cover actual commuting costs (there is a limit)

Payday: At month-end closing, generally on the 17th of the next month

## **12. Social insurance**

Employment and workers' compensation insurance covered by the Ministry of Education, Culture, Sports, Science and Technology Mutual Aid Association in accordance with laws and regulations.

## **13. Documentation**

Address to which the following application documents should be sent:

Prof. Isao Echizen

E-mail: iechizen (at) nii.ac.jp (replace (at) with @ when sending email).

When applying, please include "Echizen Laboratory postdoctoral fellow application" in the subject line.

- ✓ Curriculum vitae (including academic records, degrees, awards and prizes, return address, and photograph),
- ✓ List of publications (divided clearly into refereed journal papers and others)
- ✓ Brief summary of research and related contributions (up to one A4 page in length)
- ✓ Name and address of one personal reference who can speak on behalf of the applicant.

## **14. Selection procedure**

After reviewing application documents, interviews will be arranged with applicants where required. All travel and accommodation expenses incurred in connection with the selection process shall be borne by the applicants.

## **15. Notification of application results**

Applicants will be promptly notified of the results of the selection process.

## **16. Application deadline**

Application must be received by **Wednesday, March 31, 2021** (screening can be conducted at any time, and the selection process will be terminated when successful applicants have been chosen).

## **17. Inquires**

Information and Society Research Division

National Institute of Informatics

Contact: Isao Echizen

E-mail: iechizen (at) nii.ac.jp (replace (at) with @ when sending email).

**18. Other**

Please send all inquiries by e-mail to the address shown in Item 17 above. Please include "Echizen Laboratory postdoctoral fellow application" in the subject line.

\* Application document will be used solely for the purpose of assessing applicants. At the conclusion of the selection process, all application documents will be removed except for those of the successful applicants, which will be used to provide personnel, employment, and salary details.