

## Opening for a Post Doctorial Researcher / Research Assistant Professor at the Institute of Materials and Systems for Sustainability

A position is available for the development of the new semiconductor of phosphorus containing AlN in a joint project with Germany at the international section of the Center for Integrated Research of Future Electronics (CIRFE) at the Institute of Materials and Systems for Sustainability (IMaSS) in Nagoya University <http://mp.imass.nagoya-u.ac.jp/> AlPN has been just discovered and is very promising for new transistors needed for 6G applications, offering plenty of chances for publications. No compulsory teaching commitments. Knowledge about compound semiconductor growth (preferably III-Nitrides) and characterization is highly desirable. As part of the grant also a paid one-month stay with the German partner in Berlin is included. Thus, the candidate must be able to communicate in English.

Number of positions available:

Research assistant professor or post doctoral researcher:1

Affiliation:

International Section

Center for Integrated Research of Future Electronics (CIRFE)

Institute of Materials and Systems for Sustainability (IMaSS)

Work Location:

Furo-cho, Chikusa-ku, Nagoya, Japan

Qualification:

- Doctorate degree (PhD), less than five years ago
- Knowledge of compound semiconductor growth or characterization

Employment Conditions:

- Payment according to Nagoya University Assistant Professor pay scale grade 13 annual salary 4,020,000 Yen (about 285,000 Yen/monthly after all insurance and tax)
- Start earliest at/after Jan 1<sup>st</sup> 2023 until Nov 30<sup>th</sup> 2025 (limited by the grant)
- As stipulated in the Rules of Employment for Employees of Tokai National Higher Education and Research System.  
[https://education.joureikun.jp/thers\\_ac/act/frame/frame110010928.htm](https://education.joureikun.jp/thers_ac/act/frame/frame110010928.htm)
- Salary shall be based on an annual salary system determined by Tokai National Higher Education and Research System

Application:

- Curriculum vitae including a list of publications and one or two references
- Deadline is Dec. 4th, 2022.
- Please submit all material as pdf in English. Personal information will be handled confidentially and will be

destroyed after the selection.

Inquiries to Markus Pristovsek

[pristovsek@imass.nagoya-u.ac.jp](mailto:pristovsek@imass.nagoya-u.ac.jp)

Submission of application documents to

Mrs. Akiko Banno

Office for GaN Research Strategy

Center for Integrated Research of Future Electronics (CIRFE)

Institute of Materials and Systems for Sustainability (IMaSS)

Nagoya University

6F CTECs, Furo-cho, Chikusa-ku, Nagoya

464-8601 Japan

E-mail: [banno.akiko@adm.nagoya-u.ac.jp](mailto:banno.akiko@adm.nagoya-u.ac.jp)

Other Notes

In November 2021, with the clarification of the scope of control of "deemed exports" under the Foreign Exchange and Foreign Trade Act ("FEFTA"), a portion of the provision of confidential information must comply with FEFTA. Technology provided by universities and research institutions to faculty and staff is FEFTA is subject to control. As a result of this change, faculty applications will also be subject to FEFTA controls. When applying for this solicitation, you will be required to submit an Applicable Specific Category Determination Form in accordance with the Applicable Specific Category Determination Flowchart. Please download the form below and submit it.

<https://nuss.nagoya-u.ac.jp/s/bLFocRofmoj83zp>

In addition, faculty members are required to submit a "Confirmation Form" at the time of employment.