

Kiku Ooyama/Yamagata University, Japan

Kiku Ooyama

Bachelor Student

Department of Engineering in Polymer Science and
Engineering

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Personal Statement

As a fourth-year student in the Faculty of Engineering at Yamagata University, I am engaged in research on carbon fiber composite materials in the Tatsuhiko Takahashi Laboratory. I involved in tourism PR activities in Yamagata Prefecture as Miss Hanagasa, and has a strong interest in business matching that connects Japan and other countries. Therefore, through my internship at JETRO, I would like to learn about business matching and contribute as the bridge between Germany, Yamagata, and Japan.

Education

2019 Apr – 2023 Mar

Bachelor of Engineering in Polymer Science and Engineering (expected 2023 Mar)

Studied about physical chemistry, organic chemistry, polymer chemistry

Yamagata University, Japan

GPA: 3.39 (scale 4.00)

2023 Apr – 2025 Mar (allowance of entrance)

Graduate School of Organic and Materials Science

Yamagata University, Japan

Supervisor: Professor Dr. Tatsuhiro Takahashi

Director, Innovation promotion, Headquarters for Industry Collaboration
Yamagata University, Japan

Research Subject

Development of carbon fibers with CNTs bonded and coated with reactive polymers on the exterior and strength, and properties of the composite

Domestic joint R&D Experience

Mitsubishi Engineering-Plastics Corporation (2021 Oct ~ present)

Research topic: Preparation and Evaluation of CNT-Coated CF/PC Composites

Language

English: intermediate

Japanese: native

List of Presentation

English presentation

1. Kiku Ooyama

“Fabrication of carbon fiber coated by Layer-by-Layer method and mechanical properties of the composite.”

Achievement test in Yamagata University, March 7th 2022, Yonezawa, Japan

2. Kiku Ooyama, Ryoma Tokonami, Tatsuhiro Takahashi

“Preparation of carbon fiber coated by long carbon nanotubes using reactive polymer with layer-by-layer method and its applications.”

International Conference on Smart Systems Engineering2022(Smasys), October 6th, 7th 2022 (Online, Japan)

3. Kiku Ooyama (Plan)

“Development of carbon fibers with CNTs bonded and coated with reactive polymers on the

exterior and strength, and properties of the composite.”

Graduation thesis presentations in Yamagata University, February 14th 2023, Yonezawa, Japan

Japanese presentation

4. Kiku Ooyama, Ryoma Tokonami, Tatsuhiro Takahashi

“Fabrication of MWCNT-coated carbon fibers by layer-by-layer method and effect of MWCNT length on composites.”

The Japan Society for Interface Annual Meeting, December 2th 2022, Yonezawa, Japan

International Activities

- As the 60th Miss Hanagasa, I have been promoting tourism in Yamagata Prefecture in Japan and abroad. (2022 May ~ present)
- Serving as a mentor for international students.

Reference

Professor Dr. Tatsuhiro Takahashi
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