

AGC and Tokyo University of Science Launch Social Cooperation Program: "Laboratory for Inorganic and Amorphous Materials"

Tokyo, February 22, 2021--AGC (Headquarters: Tokyo, President & CEO Yoshinori Hirai) and Tokyo University of Science's (President Yoichiro Matsumoto) Department of Materials Synthesis Engineering, Graduate School of Advanced Engineering*¹ have agreed to launch on April 1 the social cooperation program, "Laboratory for Inorganic and Amorphous Materials," to provide education and research jointly with AGC.

Demand for highly-functional glass materials is growing in tandem with recent advances in semiconductors and the advent of the 5G era. In particular, it is important to understand the factors that determine the material properties to develop diverse and new functions. Tokyo University of Science and AGC have been conducting various joint research projects in the field of highly-functional glass, establishing methods to control the microstructure of glass materials, and jointly developing various glass such as the glass that is resistant to breakage.

This social cooperation program is designed to deepen research on the microstructure of glass materials and the creation of their functions, and to create highly functional new materials by integrating the leading-edge academic knowledge that Tokyo University of Science possesses in a wide range of fields, including materials engineering, with glass-related technologies such as materials design and manufacturing processes that AGC has cultivated for over 100 years. For the establishment of this course, AGC will dispatch Kei Maeda, a research fellow in glass materials science, as a guest professor to promote joint research.

Through this program, Tokyo University of Science and AGC aim to contribute to the advancement of science and industry, as well as to stimulate the development of the human resources who will support science and industry in Japan in the future, by promoting and enhancing education and research.

MEDIA INQUIRIES

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The Katsushika Campus of Tokyo University of Science, where the social cooperation program will be established.

<Notes>

- *1 In April 2021, the department name will be changed from the Department of Materials Science and Technology, Graduate School of Industrial Science and Technology to the Department of Materials Synthesis Engineering, Graduate School of Advanced Engineering.

<Reference>

■ Social Cooperation Program Overview

Program title:	Laboratory for Inorganic and Amorphous Materials
Implementing department:	Department of Materials Synthesis Engineering, Graduate School of Advanced Engineering, Tokyo University of Science (Katsushika Campus)
Implementing period:	From April 1, 2021 to March 31, 2026
Purpose of research:	The purpose of this research is to elucidate the relationship between the structure and physical properties of inorganic and amorphous materials and to create functions by integrating glass science-related technology with the latest scientific knowledge in inorganic materials.
Instructors:	Kei Maeda, Professor (Dispatched from AGC Inc.) Atsuo Yasumori, Professor (Faculty of Industrial Science and Technology, Department of Materials Science and Technology, Tokyo University of Science)
Partner Representative:	Naoki Sugimoto (Executive Officer, General Manager, Materials Integration Laboratory, Technology General Division, AGC Inc.)
Researcher:	

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■ Positioning of this program



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