

Tatsuro Banno

Department of Information & Communication Engineering
Institute of Industrial Science, the University of Tokyo
✉ banno@iis.u-tokyo.ac.jp
📄 tatsubanno.github.io

Research Interests

3D Computer Vision, Computer Graphics, and Virtual Reality

Education

- 2026–present **PhD, Information and Communication Engineering**, *The University of Tokyo, Japan*.
Advisor: Yoichi Sato
- 2024–2026 : **MS, Information and Communication Engineering**, *The University of Tokyo, Japan*.
Advisor: Yoichi Sato
- 2020–2024 : **BE, Information and Communication Engineering**, *The University of Tokyo, Japan*.
Advisor: Kiyoharu Aizawa

Journal Publications

- [1] [Tatsuro Banno](#), Mizuki Takenawa, Leslie Wöhler, Satoshi Ikehata, Kiyoharu Aizawa, “360CityGML: Realistic and Interactive Urban Visualization System Integrating CityGML Model and 360° Videos”, *IEEE Transactions on Visualization and Computer Graphics (TVCG)*, presented at IEEE Conference on Virtual Reality and 3D User Interfaces (IEEE VR 2026), 2026

Extended Abstracts

- [1] [Tatsuro Banno](#), Takehiko Ohkawa, Ruicong Liu, Ryosuke Furuta, Yoichi Sato, “AssemblyHands-X: Modeling 3D Hand-Body Coordination for Understanding Bimanual Human Activities”, *Workshop on Observing and Understanding Hands in Action (HANDS 2025)* (in conjunction with ICCV 2025), 2025
- [2] Naru Suzuki, Takehiko Ohkawa, [Tatsuro Banno](#), Jihyun Lee, Ryosuke Furuta, Yoichi Sato, “Affordance-Guided Diffusion Prior for 3D Hand Reconstruction”, *Workshop on Observing and Understanding Hands in Action (HANDS 2025)* (in conjunction with ICCV 2025), 2025

Fellowships & Awards

- 2026–2029 **JSPS Research Fellowship for Young Scientists (DC1)**, Japan Society for the Promotion of Science (JSPS).
- 2025 **Best Paper Award**, The 86th Annual Convention of the Information Processing Society of Japan (IPSJ), Yokohama, Japan.
- 2024 **Interactive Presentation Award**, The 27th Meeting on Image Recognition and Understanding (MIRU), Kumamoto, Japan.
- 2024 **Department Chair’s Special Award**, Department of Information and Communication Engineering, The University of Tokyo.
- 2024 **Outstanding Undergraduate Thesis Award**, Department of Information and Communication Engineering, The University of Tokyo.
- 2024 **Innovation Award**, PLATEAU AWARD 2023, Ministry of Land, Infrastructure, Transport and Tourism (MLIT) of Japan.

Skills

Languages Japanese (Native), English (Business Level, TOEIC 985/990)
Programming Python, PyTorch, C#, Unity, Git

Teaching Experience

Fall, 2025 **Teaching Assistant**, Large Language Model Practicum, Department of Information and Communication Engineering, The University of Tokyo.
Spring, 2025 **Teaching Assistant**, First-Year Seminar for Natural Sciences Students, College of Arts and Sciences, The University of Tokyo.

Academic Services

2025 **Student Volunteer**, ACM Symposium on Eye Tracking Research & Applications (ETRA 2025).