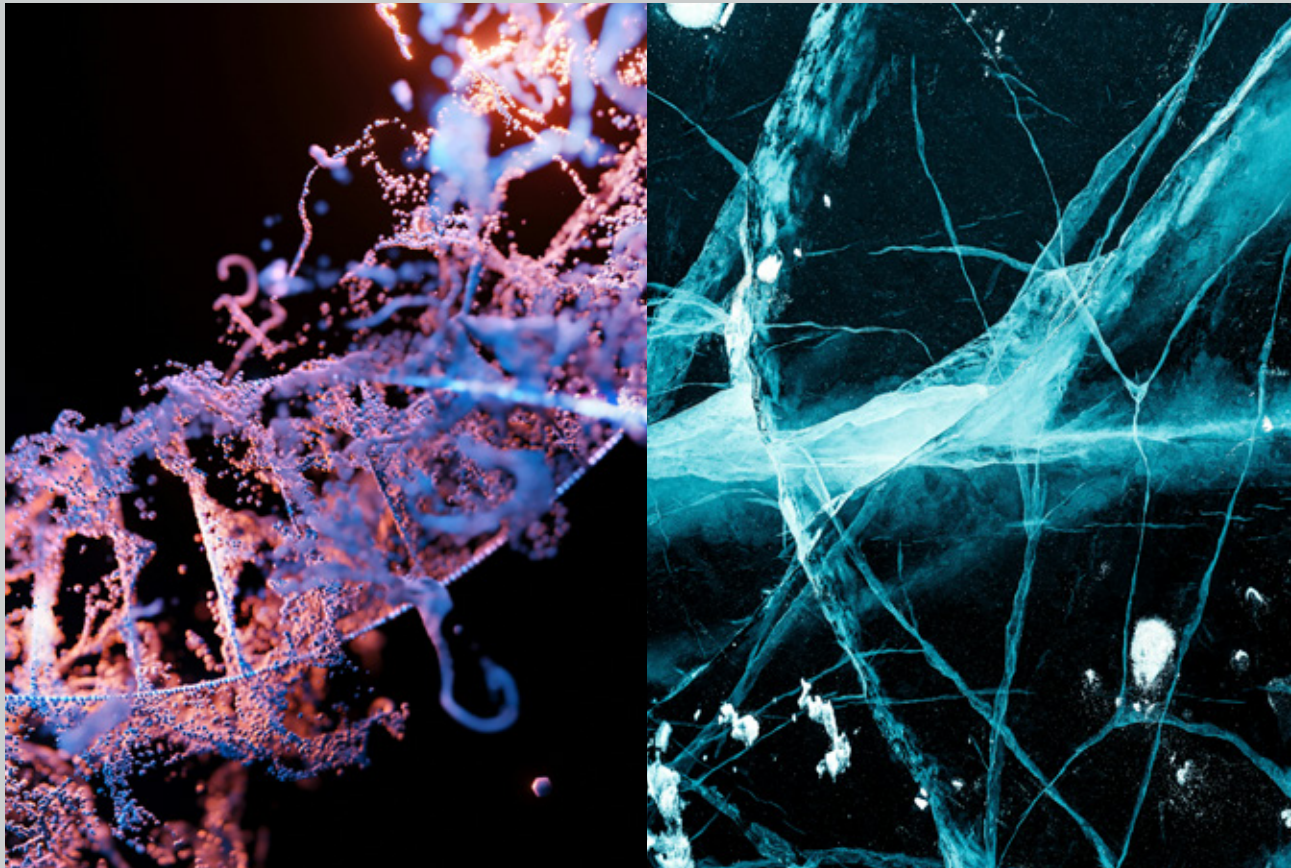


TOKYO COLLEGE

共に考える未来 Shaping the Future Together



Lecture by
Invited Professor

Zoom
Webinar

Information Flows Across Scales: Development, Neuroscience, Evolution

The story of biology is largely one about information. The Central Dogma talks about information flowing from DNA to proteins. During organismal development, cells use positional information to decide what tissue to become. In neuroscience we talk about neurons processing information. And in evolutionary biology, we study information stored and inherited in genomes. This lecture will introduce efforts at the interface of physics, information theory, and biology, to reshape this narrative into a predictive scientific theory.

2026. **10.14** [Wed.]
14:00-15:00 JST



Lecturer

**Gašper
TKAČIK**

Professor,
Institute of Science
and Technology
Austria

Commentator

**KURODA
Shinya**

Professor,
Graduate School of Science,
The University of Tokyo



Moderator

EMA Arisa

Associate Professor,
Tokyo College



Organized by

Tokyo College, The University of Tokyo Institutes for Advanced Study

Language

English (Japanese interpretation)

Contact

tokyo.college.event@tc.u-tokyo.ac.jp

Pre-registration
required

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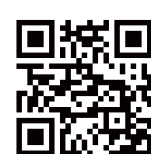
Tokyo College aims to generate new knowledge to contribute to the creation of an inclusive society and spark deeper public engagement with the University.



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