



cover image: Kyoko Nakamura
*Anti-anthropomorphic Landscape—
of "That World," or Gap, or Sounds, Anchored
2024*

AND
MAGICAL
LOGICAL

International Symposium

CREATIVITY IN BETWEEN THE

2024.13^m
 26^o
 4.13ⁿ

Symposium: 9:55~16:30
 Reception: 16:30~

[Language] English

[Organizer] Yukio-Pegio Gunji Lab,
 Department of Intermedia Art and Science,
 School of Fundamental Science and Engineering,
 Waseda University

[Inquiries] 03-5286-2904 / pegioyukio@gmail.com (Yukio-Pegio Gunji)

[In cooperation with] Kyoko Nakamura (Kyoto University of the Arts;
 Special Grant for Creative Research)

[Venue]

Room 704, 7th Floor, Building 52
 Nishi-Waseda Campus, Waseda University
 Tokyo, Japan

Note:

Access to the 7th floor requires a key card.
 Please call 03-5286-2904 upon arrival, and someone will meet you.



WASEDA UNIVERSITY
**INTERMEDIA
 ART+SCIENCE**
 The Department of Intermedia Art and Science



KYOTO UNIVERSITY OF THE ARTS

What if creativity is not something we produce, but something that happens at the boundary of the known and the unknown?

In art, creativity emerges through contact with the outside.

Abstraction arises between experience and what exceeds it.

It is not confined to grand innovations.

It is present in every act of perception and behavior—even in the movements of matter itself.

The predictable and the unexpected are inseparable.

The logical can become magical.

How can we grasp such a mode of existence?

This workshop invites you to explore it.

OVERVIEW 概要

創造とは、私たちが生み出すものではなく、既知と未知の境界で「起こる」ものではないだろうか。芸術において創造は、外部との接触によって立ち現れる。抽象は、経験とそれを超えるものとのあいだに生まれる。それは大きな革新に限られない。あらゆる知覚や行為の中に、さらには物質そのものの運動の中に、潜んでいる。予測可能なものと想定外のものとは切り離せない。ロジカルなもの、マジカルなものへと転じ得る。このような存在のあり方を、私たちはどのように捉えられるのか。私たちは本ワークショップは、その探究へとあなたを招く。

PROGRAM

9:55-10:00

Opening Remarks

Yukio-Pegio Gunji (Waseda University)

10:00-10:30

Entanglement and Dependent Origination

Yukio-Pegio Gunji (Waseda University)

10:30-11:00

Quantum-like models of Cognition and Decision Making with Theory of Open Quantum Systems

Andrei Khrennikov (Linnaeus University)

11:00-11:30 Discussion(+rest)

11:30-12:00

The Materialization of Absence through the Appearance of Ruins as KUTSU (Cavernous Dens) of Abstract Memory

Kyoko NAKAMURA (Kyoto University of the Arts)

12:00-12:30

Emergence of Dissonance through Temporal Asynchrony: Robust Collective Intelligence without Exogenous Noise

Kazuto Sasai (Ibaraki University)

12:30-13:00 Discussion(+rest)

13:00-14:00 Lunch

14:00-14:30

Physarum Model Based on Inverse Bayesian Inference: Its Adaptive Exploration and Local Logical Structure

Iori Tani (Kobe University)

14:30-14:45

Heterogeneity-Driven Regeneration of Collective Order in Soldier Crab Swarms

Yang Ruijia, Haruki Suzuki & Yukio-Pegio Gunji (Waseda University)

14:45-15:00

Universal criticality in Cellular Automata

Yoshihiko Ohzawa, Yukio-Pegio Gunji (Waseda University)

15:00-15:15

The Information-Processing Role of Class-IV in Reservoir Computing with Quantum Logical Cellular Automata

Yuki Tokuyama, Yukio-Pegio Gunji (Waseda University)

15:15-15:30

The Role of Shared Weak Attractors in Quantum Logic Networks

Yu Huang, Yukio-Pegio Gunji (Waseda University)

15:45-16:15 Discussion

16:15- Reception & Discussion

開催情報

[日時] 2026年4月13日(月曜日)

[会場] 早稲田大学 西早稲田キャンパス・52号館7階704
7階のフロアはカードがないと入れないため、エレベーターで7階まで来たら研究室 03-5286-2904 にお電話下さい。お迎えにあがります。

[言語] 英語

[主催] 郡司ベギオ幸夫研究室、早稲田大学表現工学科

[協力] 中村恭子(京都芸術大学 2026年度特別制作研究費助成)

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