

affiliation: Department of General Systems, The Graduate School of Arts and Sciences, University of Tokyo, Japan

position: Project Researcher

bio: Born 1989 in Hyogo. His main research topic is relations between individual behaviors and the collective behaviors of a social insect based on a complex system science. He has also been working as a sound artist. Recent his works include “Blues” (installation, 2017) and “Peeling Blue (CD, 2018). Also actives in sound production and software programming for the exhibition/installation. Major recent work includes “Alter”(software programming/music, Award of Distinction of Ars Electronica).

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Education

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| Ph.D. in Arts and Sciences University of Tokyo Dissertation title: “Experimental and Theoretical Analysis of Exogenous and Endogenous Bursts in Honeybee Hives” Advisor: Takashi Ikegami | 2019 |
| MA in Arts and Sciences University of Tokyo | 2015 |
| BA in Science and Engineering (Applied Biological Science) Tokyo University of Science | 2013 |

Publications

- **Doi, I.**, & Ikegami, T. (2018, July). Endogenous and Exogenous Bursts in a Honey Bee Hive. In Artificial Life Conference Proceedings (pp. 493-499). One Rogers Street, Cambridge, MA 02142-1209 USA journals-info@ mit. edu: MIT Press.
- **Doi, I.**, Ikegami, T., Masumori, A., Kojima, H., Ogawa, K., & Ishiguro, H. (2017, September). A new design principle for an autonomous robot. In Artificial Life Conference Proceedings 14(pp. 490-466). One Rogers Street, Cambridge, MA 02142-1209 USA journals-info@ mit. edu: MIT Press.
- Maruyama, N., **Doi, I.**, Masumori, A., Oka, M., Ikegami, T., Vesna, V., & Taylor, C. (2014). Evolution of artificial soundscape in a natural environment. Exploiting synergies between biology and artificial life technologies: tools, possibilities, and examples at ALIFE, 14.

Teaching

First-Year Seminar for Natural Sciences Students (初年次ゼミナール理科)

2016 - 2018

Course title: "Arts and Science"

Co-teacher: Takashi Ikegami

Teaching assistant

Academic Frontier Lecture Series (Computational Creativity概論)

2018

Teacher: Nao Tokui

Academic Frontier Lecture Series (New Media Art and Interaction Design)

Teacher: Daito Manabe

Academic Frontier Lecture Series (Sound-Art Creation)

Teacher: Carl Stone

Invited presentation

建築情報学会キックオフ準備会議第3回「感性の計算——世界を計算的に眺める眼差し」

2018

Talk title: 生成的に世界を見る

Place: 東京大学工学部 一号館 15号講義室

Moderator: Toshikatsu Kiuchi (木内建築計画事務所、東京大学建築学専攻ADS Design Think Tank)

Selected Exhibitions / Performances

"Alter", Itsuki Doi + Kohei Ogawa + Takashi Ikegami + Hiroshi Ishiguro x Justine Emard, Roppongi Crossing 2019: Connexions, Mori art museum , Tokyo, Japan

2019

"Alter", Itsuki Doi + Kohei Ogawa + Takashi Ikegami + Hiroshi Ishiguro, Ars Electronica 2018, Linz, Austria (Award of Distinction of Ars Electronica)

2018

"Scary Beauty", Keiichiro Shibuya's Android Opera "Scary Beauty", Miraikan, Tokyo, Japan (System development and Motion programming for Android)

"symphony ldk", Kazumichi Komatsu and Shun Ishizuka, KCUA, Tokyo, Japan (System programming)

2017

"Blues", Itsuki Doi, place by method, Tokyo, Japan

"Alter", Itsuki Doi + Kohei Ogawa + Takashi Ikegami + Hiroshi Ishiguro, Japan Media Art Festival, Tokyo, Japan (Excellence Award)