

Best Paper Award

Finalists SWARM2017

Helical wave propagate motion on a vertical pipe with a branch for a snake robot

by Wei Qi, Tetsushi Kamegawa, Akio Gofuku

Gait generation for a biped robot with knees and torso via trajectory learning and state-transition estimation

by Satoshi Satoh, Kenji Fujimoto

Reducing Distance Bias in Value-Sensitive Swarm Site Selection

by Jason R. Cody, Julie A. Adams

Learning by Stimulation Avoidance in Cultured Neuronal Cells

by Atsushi Masumori, Norihiro Maruyama Takeshi Mita, Douglas Bakkum, Urs Frey, Hirokazu Takahashi, Takashi Ikegami

A winner will be announced at the award ceremony in the banquet on October 31. Finalists, please attend the banquet. If a finalist does not have a banquet thicket, she/he can buy it at the on-site registration desk with pre-registration fee.

Best Student Paper Award

Finalists SWARM2017

Advantages of using a biologically plausible embodied kinematic model for enhancement of speed and multifunctionality of a walking robot

by Mathias Thor, Theis Strom-Hansen, Leon B. Larsen, Alexander Kovalev, Stanislav N. Gorb, Poramate Manoonpong

Development of 3D Sculpted, Hyper-Realistic Biomimetic Eyes for Humanoid Robots and Medical Ocular Prostheses

by Carl Strathearn, Minhua Ma

Helical wave propagate motion on a vertical pipe with a branch for a snake robot

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Reducing Distance Bias in Value-Sensitive Swarm Site Selection

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Evolutionary Acquisition of Congestion Management of a Robotic Swarm in a Path Formation Task

by Motoaki Hiraga, Toshiyuki Yasuda, Kazuhiro Ohkura

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