

2017 IEEE/SICE International Symposium on System Integration (SII2017)

Special Session on “Swarm Systems”

organized by

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Call for Papers

This organized session welcomes papers related to the field of swarm robotics. Practically, swarm robotics was born in a field of robotics as a kind of distributed autonomous robotic systems with the concept of the emergent methodology for extremely redundant systems. They are typically consisted of homogeneous autonomous robots, similar to living animals that build swarms.

Topics:

The topics included in this organized session might be the emergent mechanisms of building collective behavior not only in a physical robotic swarm but also in a simulated robotic swarm, various methods of analyzing collective behavior, typically, the congestion which always is observed in a robotic swarm, potential engineering applications to our daily life and many others. Proposing original ideas or methods in this field is also encouraged.

Submissions Procedure: All the instructions for paper submission are included in the conference website <http://www.sii2017.org>. A good quality paper may be considered for publication in IEEE Transactions on Industrial Informatics subjects to further rounds of review

Deadlines:

Reception of full paper:	June 30, 2017
Paper acceptance notification:	September 20, 2017
Camera ready paper reception:	October 20, 2017