

International Conference on Intelligent Unmanned Systems

August 27– 29, 2019, The Techart Plaza, Beijing, China

ICIUS 2019

Final
CFP

Call-For-Paper Download 

Important Dates

| | | | |
|---|---|---|----------------------|
| <ul style="list-style-type: none">• Abstract Submission | March 1, 2019 Extended: April 15, 2019 | <ul style="list-style-type: none">• Full paper Submission | May 1, 2019 |
| <ul style="list-style-type: none">• Acceptance Notification | June 1, 2019 | <ul style="list-style-type: none">• Early Registration | July 15, 2019 |

Registration Fee

| | Date | Regular | Student | Banquet |
|----------------------------------|---------------------|----------------------|----------------------|---------------------|
| Presenter /Early Registration | By July 15, 2019 | USD 500 /RMB 3400 | USD 400 /RMB 2700 | USD 120 /RMB 800 |
| On-site Registration | After July 15, 2019 | USD 550 /RMB 3700 | USD 450 /RMB 3000 | (included) |

Plenary Speakers



Kenzo Nonami

Professor

Chiba University
(Japan)

Title:

Current Status of world Industrial Drones and Urgent Technical Issues

Abstract:

In this presentation, I first overlook the current state of utilization of world industrial drones and the forefront including world UAS aviation regulation. Next, I would like to consider the technical issues in each field and discuss how to overcome the problem.



I-Ming Chen

Professor

Nanyang Technological
University (Singapore)

Title:

Robotic Perception and Learning for Intelligent Manufacturing and Warehouse Automation

Abstract:

In this speech, we will discuss how 3D perception systems and machine learning techniques are used in manufacturing scenarios. We will use also Amazon Robotics Challenge and DHL Robotics Challenge as examples to look at the integration of 3D perception, machine learning and robot motion planning in warehouse automation to handle the item-picking process.



Kwang-Joon Yoon

Professor

Konkuk University
(South Korea)

Title:

Development of small winged drone for missions in amphibious environment

Abstract:

This lecture introduces the design / manufacturing/ flight test of winged drone with 4 propeller and 2 tilt propeller system for missions in amphibious environment. Conceptual system design has performed to have VTOL (vertical take-off and landing) function and tilt propeller system to fly with cruise speed more than 100km/h.

More speakers will be added

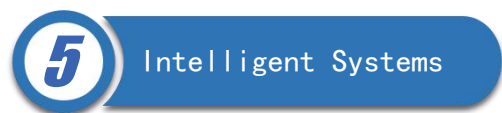
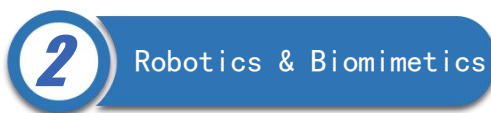
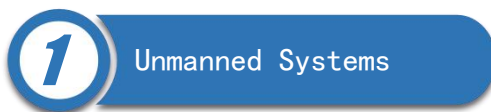
Organized Session

Each Organized Session should include at least five presentations in principle. Submit your proposal(s) to online by ~~February 1, 2019~~ (extended: **March 15, 2019**). The results for acceptance will be notified by ~~March 1, 2019~~ (extended: **April 15, 2019**).

Please send an e-mail to icius2019@gmail.com and let us know about topic of the session and the number of expected attendee.

| | Topic | Organized by |
|---|--|---|
| 1 | Space Robotic Systems Modelling and Autonomous Control | Liang Sun and Yao Zou <i>University of Science and Technology Beijing, China</i> |
| 2 | Bio-inspired flapping flight | Hoon Cheol Park and Lung-Jieh Yang <i>Konkuk University, South Korea</i> |
| 3 | Control of Distributed Parameter System and its Applications | Zhijia Zhao, Zi-Peng Wang, and Zhijie Liu <i>Guangzhou University, China; University of Jinan, China; University of Science and Technology Beijing, China</i> |
| 4 | Modeling, Control and Estimation in Unmanned Systems | Jinwen Hu, Zhao Xu, and Chunhui Zhao <i>Northwestern Polytechnical University, China</i> |

Topics



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ISIUS International Society of Intelligent Unmanned Systems (ICIUS, Korea)

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International Society of Mechatronic Engineering (ISME, China)



IEEE SMC Beijing Capital Region Chapter



IEEE SMC TC Autonomous Bionic Robotic Aircraft

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