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The second official journal of ISIUS was launched to further strengthen the publication portfolio of the the society. Journal of Unmanned System Technology (JUST, ISSN 2287-7320) is scholarly publication of research work in all relevant areas of unmanned vehicle technologies including dynamics, navigation, guidance, control and its safety verification. The editor welcomes contribution in the form of research article, review paper, brief paper as well as short communication presenting recent progress in the subject area. JUST is an open-access online journal delivered on a responsive web template.

Aims and scope

The discipline of unmanned system has been the subject of active research in the past many decades. The applications of unmanned system range from the space robot to explore the celestial bodies to underwater robots used for seabed mapping. The trend towards more autonomous unmanned vehicles has been accelerated by advances in relevant technology areas including: power systems, embedded software, sensors and actuators. The availability of a dedicated journal in the subject area would not only maintain the progress but also help the dissemination of the information to further propel the extension of the state of the art. The journal publishes qualified papers on the relevant areas including, but are not limited to:

Unmanned Systems: Dynamics of unmanned vehicles, Navigation and guidance of unmanned vehicles, Aerodynamics and structural design of unmanned aerial vehicles, Design optimization of unmanned vehicles, Unmanned underwater vehicles

Robotics and Biomimetics: Multiple mobile robots, Telerobotics and teleoperation, Evolutionary algorithm, Control of biological systems, Biomimetic and biologically inspired s design, Neural networks, Bioinformatics

Control and Computation: Unmanned vehicles control technologies, Ubiquitous computing, Networked control of unmanned systems, Embedded software for autonomous control

Intelligent System: Context-aware technologies, Multi-agent system protocol and verification, Behavior-based intelligent systems, Machine learning, Artificial intelligence and cognitive robotics

SUBMISSION CRITERIA

Papers must be written in English and describe original work. The publication within the Journal of Unmanned System Technology should adhere to the following guideline:

- Paper submitted to the journal should not have been published or currently under consideration for publication elsewhere.
- The publication for the previously presented paper on a conference could be allowed only when the author can show that the original article has been substantially extended to include new content. The author is also responsible for obtaining the permission from the copyright owner if the article was copyrighted.
- The manuscript is submitted with the understanding that all authors have read the latest version and given their consent for its publication.

PAPER SUBMISSION

The authors can submit the article to the editor:

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