

Special Edition of the Journal of Unmanned Systems Technology

Hi All

As I mentioned to some of you, we have been contacted by the Journal of Unmanned System Technology. It is their intention to establish a Special Issue on Unmanned Untethered Submersible Technology by choosing 8-10 select papers from the UUST 2013 Proceedings for the issue. If there are more papers, the rest can be allocated to the regular issues. The papers will go through the established review process for the journal and selections will be made by their editorial staff. If you have an interest in publishing your work in this international journal please let me know by filling out the following information and returning this document to me at blidberg@ausi.org

Title of the manuscript: _____

Author / authors: _____

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Journal of Unmanned Systems Technology

The second official journal of ISIUS was launched to further strengthen the publication portfolio of the society. Journal of Unmanned Systems Technology (JUST, ISSN 2287-7320) is a 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 contributions 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 systems has been the subject of active research in the past decades. The applications of unmanned systems 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 system design, neural networks, bioinformatics control and computation: unmanned vehicles control technologies, networked control of unmanned systems

Embedded software for autonomous control of intelligent system: ubiquitous computing, multi-agent system protocol and verification, behavior-based intelligent systems, machine learning, artificial intelligence and cognitive robotics