



SAN DIEGO LINDBERGH ASSOCIATION FOR UNMANNED
VEHICLE SYSTEMS INTERNATIONAL

470 NAUTILUS STREET, SUITE 304 LA JOLLA, CA 92037

Call For Papers

The 4th Annual Unmanned Systems Interoperability Conference

Finding the Path Forward for Effective Interoperability Across
Domains and Systems

October 18-21, 2010
NTC Conference Center, San Diego, CA

The Unmanned Systems Interoperability Conference USIC IV 2010 has grown into a premiere event for subject matter experts to get together for briefings, high level discussions and planning sessions. For the first time, AUVSI Lindbergh San Diego has engaged the active participation of our sister AUVSI Chapters. It is our collective hope that USIC IV will enable organizations to reach out to more people than in years past through networking opportunities as well as on site demos.

USIC IV 2010 is becoming the AUVSI forum for reviewing, assessing and discussing both the successes and shortcomings of current, as well as future unmanned systems interoperability for defense and civilian applications.

The conference, with an expected record participation and turnout, will bring together key leaders and decision-makers in the industry. USIC IV 2010 will also include government program updates, technology briefings, university research and operational reports representing ground, air and maritime unmanned systems. Officials from government and user organizations around the United States will be in attendance and participating. The Conference Committee has confirmed participation from 8 AUVSI member organizations to establish and produce this event. It is USIC IV 2010's goal to gain participation from all AUVSI Member organizations.

As the largest conference completely dedicated to unmanned systems interoperability, USIC IV 2010 will be the single greatest opportunity to network with your peers and learn about the latest developments in the field from around the United States. Submissions are requested from all areas of research and development be they academic, government, military institutions, or student organizations.



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Abstract Submission Process

- Technical abstracts must be submitted online USIC Website: <http://auvsi-sd.org/USIC>.
- An organization may submit more than one technical abstract for consideration; however submissions must be made separately (one abstract per submission).
- Technical abstracts of the proposed papers are to be between 250-300 words in length.
- The technical abstract should include a summary of the principal issues and conclusions of the paper. This information will assist program coordinators in selecting the most appropriate papers for presentation.
- The abstract submitter should provide a 100 word *vitae* of the proposed presenter upon submission of the abstract.
- Abstracts/papers which do not meet the technical criteria for presentation will not be considered for USIC IV. Abstracts should not be sales or marketing presentations.
- Time allocations for paper presentations will be 25 minutes, including questions and answers.
- The subject areas for consideration are Emerging Concepts, Innovative Technologies, and Interoperability.

Presenters must be available to speak on all of the days on which oral presentations are scheduled October 19-20, 2010.

The program categories will be assigned to certain days as determined by the Program Committee in order to achieve the best possible overall program. Requests to change day and/or program category may not be honored.

If a speaker is unavailable to present, it is permissible for a substitute speaker to present the same paper. However it is not permissible for a speaker to give his presentation slot to another speaker presenting a paper that has not been previously reviewed and accepted by the Conference Committee.

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Abstract Evaluation Process

USIC IV 2010 Technical Committee uses the following criteria as a guide to evaluate abstracts. Evaluators may use additional factors during the selection process based upon their professional experience and judgment.

- Is the abstract identified correctly with respect to paper segment and category?
- Is the abstract coherent and readable thus providing some assurance that the presentation will be likewise?
- Does the abstract address a topic that is relevant to the industry/government/academic unmanned community?
- Does the abstract report on an advance to the body of unmanned systems knowledge or an important program of interest to the community?
- Is the author(s) well qualified to present the material and answer questions based on the submitted *vitae* and the author's organizational affiliation?
- Is the abstract complementary to, or duplicative of, other abstracts submitted to this or recent conferences?
- Does the abstract appear to be more suitable as a poster session/presentation?

Abstract Segments and Categories

Each abstract submitted for consideration must specify one class *and* one category listed below:

Platform Class

- Air
- Ground
- Maritime (UUV, USV)
- Hybrid
- Cross-Platform
- Cyber

Category

- Emerging Concepts
- Innovative Technologies
- Interoperability



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Abstract Listings

To provide conference attendees with the most accurate information in selecting the sessions they wish to attend, each selected abstract will be posted on the USIC IV 2010 website conference page as well as included in USIC IV 2010 Proceedings.

Submit abstracts online using the USIC IV 2010 Website: <http://auvsi-sd.org/USIC>