

2013 Employment of DE Weapons

Call for Papers

28 September 2012

Introduction

The 2013 Employment of Directed Energy Weapons will be held at the Hyatt, Monterey, CA and the Naval Postgraduate School, Monterey, CA on 8-12 April 2013 as a part of the DE Systems Symposium.

Employment of Directed Energy Weapons

The Employment of Directed Energy Weapons Conference provides a forum for the discussion of directed energy technologies employed as systems for the defense of the United States. The goal of the conference is to provide a forum for the exchange of ideas on the employment of directed energy weapon systems that include laser and microwave technology. Topics of interest include operational employment concepts, systems developments, and barriers to employment.

The Employment of Directed Energy Weapons Conference is constantly striving to enhance technical excellence while providing a forum to encourage interaction with other members of the Directed Energy (DE) community. To that end, the overall number of presentations may be limited and papers screened for new and innovative work. An extended abstract is encouraged to allow the author to fully describe their planned paper. Submissions will also be considered for the poster session.

An all conference, collaborative poster session will be scheduled that will not conflict with other sessions to enable detailed exchanges between colleagues. This may include separate areas for unclassified, FOUO and classified posters. Authors of high profile papers may be invited to present a poster paper as well as make an oral presentation.

The Employment of Directed Energy Weapons Conference will publish all presentations (and papers) as a part of the DE Systems Symposium proceedings that have been properly released by a sponsoring government agency and have proper classification markings. The proceedings will be organized as follows to allow for maximum distribution of the technical data:

- Unclassified / Distribution A (Public Release)
- Unclassified / Distribution A and C
- Unclassified / Distribution A, C and D
- Secret / Distribution C
- Secret / Distribution D

2013 DE Systems Symposium

The DE Systems Symposium focuses on systems aspects of DE in a limited-attendance environment. The DE Systems Symposium consists of co-located technical sessions organized by separate conferences / technical workshops, with joint technical and plenary sessions to encourage discussion outside narrow technical limits. The conferences are listed on the Symposium Web page.

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The DE Systems Symposium will assemble scientists and engineers interested in DE technology and weapons applications. The objective of the DE Systems Symposium is to provide a forum for the interchange of ideas and to focus on near-term demonstrations of DE technology. The theme of this year's DE Systems Symposium is *Moving Forward: Making DE Happen*.

The DE Systems Symposium will be conducted up to the SECRET level and attendance will be limited to U.S. citizens only. Unclassified and Limited sessions will also be conducted.

Call for Papers

Papers are solicited for the 2013 Employment of Directed Energy Weapons Conference as described below:

- Operational employment concepts for either laser or microwave systems in either the current fight or future fights.
- Results of recent tests of laser or microwave systems.
- Modeling and simulation of directed energy system in an operational employment concept.
- Discussion of barriers to the employment or acquisition of directed energy systems--focused on means to overcome the barriers.

Submission Instructions

Directions for submitting presentations and papers for consideration are provided below. It is the responsibility of the lead author to obtain all approvals and releases for abstracts, presentation and paper, if submitted. All submitted materials must be appropriately marked for security classification, including unclassified presentations as well as identification of any distribution restrictions. Additionally, please identify the presenter (if different from the lead author) and update contact information.

Abstracts

Abstracts must be unclassified and are due no later than **17 December 2012**.

Abstracts should be between 500 and 1000 words in length and include: paper title, a complete description of the paper, author's names / organizations, lead author contact information (telephone, email and fax), expected classification of the presentation (and the paper) as well as the expected distribution restrictions.

Abstracts should be submitted online at the DEPS website, www.deps.org.

Authors will be notified on or before **11 January 2013** of acceptance of their paper for presentation and / or publication. Additional instructions for submitting classified papers and presentations may be provided at that time.

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Presentations

In order to assemble the presentations for the symposium in a timely manner, authors are requested to submit the sponsoring Program Office approved versions of classified and unclassified presentations no later than **15 March 2013**. Any presentation received after this date is subject to not being presented at the discretion of the conference technical committee.

Please submit unclassified presentations to Carolyn Bowman at graphic@deps.org.

Note: classified presentations should be submitted according to the instructions below.

Papers

Papers are due on or before **5 April 2013** and should be submitted in either Microsoft Word format, which is preferred or Adobe Acrobat format (pdf file). Specific format instructions can be found on the following link:

<http://www.deps.org/DEPSpages/DEjournalAuthorInstructions.html> with the following exceptions: no page limit, single space paragraphs, double space between paragraphs and integrated figures and tables. Include full information (including address, phone, fax, and email) for corresponding author. It is the authors' responsibility to ensure that the paper has not been published, nor under consideration, elsewhere.

Please submit unclassified papers to Carolyn Bowman at graphic@deps.org.

Classified Presentations and Papers

Please submit classified presentations and papers to:

Nolan Cason / DEPS IT Manager; 505-846-2703 (DSN 246-2703)

SIPRNET: Nolan.cason@afmc.af.smil.mil

OR, please ship all classified media to the following address:

Outer envelope:

Attention: Document Control
AFRL/RDTA
3350 Aberdeen Ave SE
Kirtland AFB, NM 87117

Inner envelope:

Attention: Nolan Cason
AFRL/RDTA
3350 Aberdeen Ave SE
Kirtland AFB, NM 87117

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Classification Guidance

Classified materials must be marked In Accordance With DoD 5200.1-R, Sections 5.2, 5.3 and 5.4, and Executive Orders 12958 and 13526 “Classified National Security Information.”

All classified presentations must include the classified by or derived from information, as well as the “declassify on” date.

Release Forms

All submissions of presentations and papers, both classified and unclassified, must be accompanied by release forms. These will be available on the DEPS Web site. Follow the instructions on the form for submission. The release form are due with the presentations or papers.

Distribution

Distribution statements of technical documents must be identified in accordance with DoD Directive 5230.24, dated 23 AUG 2012, Enclosure 4 (page 14). Papers with distribution statements A, C, and D are encouraged to facilitate publication of the technical data in the proceedings.

All **presentations** must have an authorized distribution statement on the first page.

Presentations containing Distribution Statements B and E will not be presented at the DE Systems Symposium or published in the proceedings.

All **papers** must have an authorized distribution statement on the first page. **Papers** containing Distribution Statements B, E and F will not be published in the DE Systems Symposium proceedings.

Conference Committee

Conference Co-Chairs:

LTC Kraig Sheetz at kraig.sheetz@usma.edu, (845)938-8611

LTC John Hartke at john.hartke@usma.edu, (845)938-7915

Administration and short courses:

Cynnamon Spain 505-998-4910 cynnamon@deps.org

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Schedule of Events

Action	Due Date	Submitted to:
Abstract – unclassified	17 December 2012	Online, see Symposium Web page
Paper/presentation and/or publication acceptance notification	11 January 2013	Authors, by Conference Chairs
Unclassified presentations / papers and all release forms	15 March 2013	Carolyn Bowman, graphic@deps.org Follow instructions on release forms for submission
Classified presentations/ papers	15 March 2013	<p>Nolan Cason / DEPS IT Manager 505-846-2703 (DSN 246-2703) Nolan.cason.ctr@kirtland.af.mil</p> <p>SIPRNET: Nolan.cason@afmc.af.smil.mil</p> <p>OR ship all classified media to:</p> <p>Outer envelope:</p> <p style="text-align: center;">Attention: Document Control AFRL/RDTA 3350 Aberdeen Ave SE Kirtland AFB, NM 87117</p> <p>Inner envelope:</p> <p style="text-align: center;">Attention: Nolan Cason AFRL/RDTA 3350 Aberdeen Ave SE Kirtland AFB, NM 87117</p>