

SEVENTH INTERNATIONAL SYMPOSIUM ON
TECHNOLOGY AND THE MINE PROBLEM
NAVAL POSTGRADUATE SCHOOL

CALL FOR PAPERS

The Seventh Monterey International Symposium on Technology and the Mine Problem is planned for May 2-5, 2006. The theme of this year's symposium will be MINES, IMPROVISED EXPLOSIVE DEVICES (IED's), and HARBOR PROTECTION/PORT SECURITY. We will continue our emphasis on technology and technical research that contribute to major systems applications in mine technology, naval mine warfare, land mine warfare, humanitarian demining, and unexploded ordnance (UXO) site remediation. The existing daily threat presented by IED's and the clearly recognized need for improved Naval Port Security and Harbor Protection demand that we broaden our scope to include the technologies and technical research that are focused on these real world asymmetric near term challenges.

We will set the stage with the best senior Department of Defense civilian and military officials that are available to address the results of current or recently completed operations, experiments, and tests. A discussion of existing requirements, status of programs of record, reports of funded Research and Development and P3I efforts, recognized needed capabilities, and the technical issues and challenges that must be overcome will further define the scope of the tasks which face us.

Once this stage is set, a number of technical papers will be selected for plenary session presentation, based on merit and potential breadth of application across more than one

application area. A peer review/refereeing process will be used for selection of submitted papers for both plenary and technical session presentation. As the primary focus of this symposium is technology, we expect that the lion's share of the presentations will be technology and technical research papers.

WE INVITE YOUR SUBMISSION OF TECHNOLOGY AND TECHNICAL RESEARCH PAPERS COVERING SUBJECTS DISCUSSED IN THIS INVITATION AND, PARTICULARLY, IN THOSE GENERAL TOPICS LISTED BELOW.

We hope to attract papers/presentations covering operational/field/experiment/testing events. Since our last symposium, operations in Afghanistan and Iraq, IED's, and the evolution of port security needs all offer experiences that should provide key insights on promising technologies and operational approaches that are most useful. Papers/presentations on environmental effects (sea and land) are also encouraged to better acquaint researchers with the nature of the technical challenges.

Please use the enclosed Abstract Submission Form on page 8. Note that we are requiring an extended abstract of three pages for this symposium to allow for a better refereeing process. Extended abstracts are required to be submitted by January 13, 2006.

Papers are sought in the following technology/technical research areas. Paper submissions in areas not listed will also be considered for applicability and presentation.

- | | |
|---|-----------------------------------|
| Operational/Field/Experiment/Testing experience (all areas) | |
| Environment (all areas) | |
| Sensors | Mines (land and sea) |
| Sensor processing/fusion | Disposal technologies |
| Fusing/Explosives (Energetics) | Reconnaissance/surveillance |
| Risk management | Unexploded Ordnance (UXO) issues |
| Robotic applications (including remote sensors) | |
| Unmanned systems | |
| System integration | |
| C4I issues | Modeling & Simulation (all areas) |
| Mission Definition (new missions) | Mine Countermeasures (harbors) |
| Hull Searches | IED detection/neutralization |
| IED remote destruction | IED self protection/mitigation |

PAPER SUBMISSION INSTRUCTIONS

ABSTRACT FORMAT

Abstracts

must be received by 01/13/2006

- Must be in English
- Extended abstracts (3 pages including figures) will be reviewed for possible plenary addresses

Abstract Text and Page Format

- 8 1/2" x 11" paper size
- MS Word
- 1 1/2" margins on all sides
- Single column
- Single spaced, left aligned
- 12 point type, Times Roman font
- Page numbering, headers & footers are not allowed
- Title and author in upper and lower case (not all caps)
- Title in 18 point type, centered (not all caps)
- Author's name and institution following title
- Author's name and institution in 14 point type, centered (not all caps)

PAPER FORMAT

Papers

must be received by 03/31/2006

- Must be in English
- Papers to be 10 pages or less including figures

Papers Text and Page Format

- 8 1/2" x 11" paper size
- MS Word
- 1 1/2" margins on all sides
- Single column
- Single spaced, left aligned
- 12 point type, Times Roman font
- Page numbering, headers & footers are not allowed
- Footnotes and Bibliographies at the end.
- Title and author in upper and lower case (not all caps)
- Title in 18 point type, centered (not all caps)
- Author's name and institution following title
- Author's name and institution in 14 point type, centered (not all caps)

TIPS TO MAKE YOUR PAPER LOOK GREAT

Figures, Graphs and Photos

- Eps or tif files at at least 200 dpi reproduce best in print
- Include copies of image files saved as one of the file formats above from within the native application.
- Label files with author's name figure number

Colors will be visible on the CD but not in print. If your colors don't provide enough contrast to be visible in grayscale, consider creating a separate file for print. Please make sure the media is appropriately marked and includes the corresponding author's name. The CD can accommodate animations and video if provided in Quicktime format.

IMPORTANT

Some authors prefer to submit a separate document for the CD in Acrobat (.pdf) format. When distilling a file to Acrobat (.pdf) please choose the "embed all fonts" feature.

When using a font for scientific characters other than Microsoft Math Type, please include a Macintosh PostScript version of the font. If that is not possible, please provide as much information about the font as possible such as the name, type, foundry, and point of distribution.

ABSTRACT/PAPER SUBMISSION FORM

Copy and mail or fax

ABSTRACT SUBMISSION

Abstracts

must be received by 1/13/2006

Please use this Submission Form. Abstracts without the Abstract Submission Form will be returned.

Format as indicated on page 7

Corresponding Author

Name: _____

Institution: _____

Address: _____

Day Phone: _____ Fax: _____

e-mail: _____

Presenting Author

Name: _____

Institution: _____

Address: _____

Day Phone: _____ Fax: _____

e-mail: _____

Send abstract with completed form to:

7th Mine Symposium
c/o Carol Long
The DMC Companies
824 Munras Ave., Ste C
Monterey CA 93940 USA

PAPER SUBMISSION

Papers

must be received by 3/31/2006

Format as indicated on page 7

Submit both a camera ready and computer files of your paper including the criteria below:

Platform:

- Mac Windows
 DOS Unix

Media:

- Disk 100MB Zip
 CD

Format:

MS Word Version _____

Figures:

- eps tiff

I feel this paper is most suited for inclusion in:

- Operational/Field/Experiment/Testing experience (all areas)
 Environment (all areas) Sensors
 Mines (land and sea) Sensor processing/fusion
 Disposal technologies Fusing/Explosives (Energetics)
 Reconnaissance/surveillance
 Risk management
 Unexploded Ordnance (UXO) issues
 Robotic applications (including remote sensors)
 Unmanned systems System integration
 C4I issues
 Modeling & Simulation (all areas)
 Mission Definition (new missions)
 Mine Countermeasures (harbors)
 Hull Searches
 IED detection/neutralization
 IED remote destruction
 IED self protection/mitigation

PLEASE MAKE SURE ALL MEDIA IS MARKED WITH THE CORRESPONDING AUTHOR'S NAME. ALL FILES MUST BE DISINFECTED FOR COMPUTER VIRUSES.

If you have any questions, please contact: The DMC Companies <carol@DMCcompanies.com> (831) 373-0508