

ISEM 2005

火薬学会
Japan Explosives Society

The 2nd International Symposium on Energetic Materials and their Applications

26-27 May, 2005 Tokyo, Japan

Organized by Japan Explosives Society <http://www.soc.nii.ac.jp/jes/>

Chairman : Prof. Terushige Ogawa, Yokohama National University, Co-Chairman : Prof. Mitsuo Koshi, The University of Tokyo
Symposium Chairman : Dr. Syuzo Fujiwara, AIST

SCOPE

The objectives of the 2nd International Symposium on Energetic Materials and their Applications (ISEM2005) include both fundamental research and industrial applications relevant to energetic materials. The objective is to obtain an overview of the most recent international research efforts and to provide opportunities for scientists and engineers to establish avenues for cooperation and collaboration.

TOPICS

The following is the list of topics that this symposium will cover. Any other topics related to energetic materials are also welcome.

Energetic Materials

New Energetic Compounds
Industrial Explosives
Blasting Agents
Propellants
Synthesis
Analysis and Characterization
Sensitivity
Disposal and Recycling
Performance
Theoretical Modeling
Gas Generators

Blasting

Rock Fragmentations
Computer Modeling and Design
Channel Effects
Blast Vibration & Sound
Air Blast

Shock Compression

Equations of State
Phase Transition
Shock Processing
(Hardening, Synthesis, Forming etc)
Numerical Modeling

Hazard, Safety, Security and Risk Managements

Hazard Assessment
Safety & Security Evaluation
Analysis of Accidental Events
Blast Waves

Regulations

Miscellaneous

Pyrotechnics

Initiators and Detonators
Safety Devices
Fireworks
Airbag Inflators and Gas Generators

Combustion and Detonation

Detonation and Deflagration
SDT, DDT, XDT
Non-Ideal Behavior
Computations

TIME SCHEDULE

July, 2004	2nd Circular
30 Nov., 2004	Abstract due
31 Jan., 2005	Notification of Acceptance
31 March, 2005	Pre-registration due
27 May, 2005	Manuscript due

CALL FOR ABSTRACTS

Abstracts for Oral Presentation or Poster Presentation will be accepted until 30 Nov., 2004.

Please send an electronic copy (in MS Word format) of your abstracts (less than one page in length) to Secretary.

Additional details will be given in the second circular and on the web.

Please specify in your abstracts, your preference of topic category (from the topic list) and whether you would prefer an Oral Presentation or a Poster Presentation.

Abstract Deadline: 30 Nov. , 2004

Language

The official language at the symposium is English.

Events

The social program will include a banquet and a technical tour. Details will be given in the second circular and on the web.

Proceedings

Symposium proceeding will be published by the Japan Explosives Society in a special issue of Science and Technology of Energetic Materials. Presentation of paper at this Symposium is required for inclusion in the proceedings.

CONTACTS

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For Registration :

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The 2nd International Symposium on

Energetic Materials and their Applications

26-27 May, 2005 Tokyo, Japan

Please send by fax(+81-298-51-8238)or by e-mail(isem2005@eblo-ti.com) when you and your colleagues are interested in ISEM 2005.

Name

Family name

Middle name

First name

Affiliation and Address:

Institute/Company Name

Department/Section

Job Title

Research Field

Contact Address:

Street, City

Province/State

PC/ZIP, Country

E-mail

Phone +(Country Code)

FAX +(Country Code)

On 28 May (Sat.), we are planning an excursion or a tour of Tsukuba Science City. Please check mark in ☐ you want to participate in.

☐ Excursion

☐ Tsukuba Science City Tour

Please check followings.

- ☐ I am interested in attending ISEM 2005.
- ☐ I am interested in bringing a companion.
- ☐ I am planning to submit a paper.
- ☐ Please send me 2nd circular.

Message