



# Japan Explosives Society

## ISEM 2024

### The 8th International Symposium on Energetic Materials and their Applications

18-22 November, 2024, Hitotsubashi Hall, Tokyo Japan

#### Organized by Japan Explosives Society

<https://www.jes.or.jp/isem/2024/>

President : Prof. Keiichi Hori, Japan Aerospace Exploration Agency  
Vice President : Mr. Yasushi Matsumura, Nippon Kayaku Co., Ltd.  
Symposium Chairperson : Prof. Akiko Matsuo, Keio University



#### SCOPE

The objectives of the 8th International Symposium on Energetic Materials and their Applications (ISEM2024) include both fundamental researches and industrial applications relevant to energetic materials, and are 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.

- ① Explosion Safety
- ② Blast Injury
- ③ Blasting
- ④ Propellant and Pyrolant
- ⑤ Pyrotechnics
- ⑥ Fireworks
- ⑦ Analysis and Detection Explosives
- ⑧ Gas Detonation
- ⑨ Shock Compression of Condensed Matter
- ⑩ Pyro-Technique Safety Devices for Automobile
- ⑪ Miscellaneous

#### PLENARY SPEAKERS

Dr. Ernst-Christian Koch, Lutradyn-Energetic Materials Science & Technology Consulting  
Dr. Robert Matyas, University of Pardubice, Institute of Energetic Materials  
Assoc. Prof. Filippo Maggi, Dipartimento di Scienze e Tecnologie Aerospaziali  
Prof. Atsumi Miyake, Yokohama National University

#### IMPORTANT DATES

24 May	Abstract due
30 June	Notification of Acceptance
1 July	Registration Open
31 August	Early Registration Due
28 December	Manuscript Due

#### EVENTS

An excursion and a gala dinner are scheduled.

#### REGISTRATION FEES

	Early	Normal
JES Member	65,000 yen	80,000 yen
Supporting Society Member	75,000 yen	90,000 yen
Non Member	85,000 yen	100,000 yen
Student	30,000 yen	40,000 yen
Accompanying Person	4,000 yen	4,000 yen



## CALL FOR PAPERS

All prospective authors for Oral Presentation and Poster Presentation should submit A4 one page abstract with one or two optional figures or tables as per the online procedure on the website by 24 May, 2024:

<https://www.jes.or.jp/istem/2024/submissions/abstract.html>

For the topic of the prospective presentation, please choose from the following list of topics:

<https://www.jes.or.jp/istem/2024/overview/topics.html>

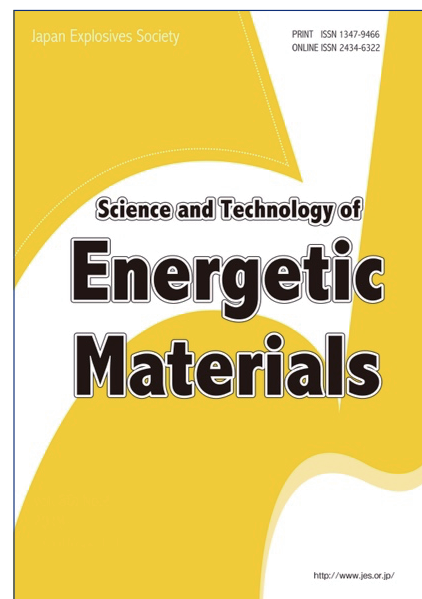
The accepted abstracts will be included in the ISEM2024 abstract book and be reviewed by the program committee.

The Japan Explosives Society (JES) is a leading academic organization for energetic materials in Japan and an active forum for engineers and researchers from industry, academic institutions, and government agencies. The Science and Technology of Energetic Materials (STEM) is the official journal of the JES. STEM, which was first published as Kayaku Kyokai Shi (Journal of Explosive Association in Japanese) in 1939, became an international journal in 2003 as STEM. It is now an open-access journal, publishing six issues a year. STEM is one of the few international journals on explosives.

JES welcomes all speakers in ISEM2024 to submit papers for STEM. Normally, STEM charges publishing fee for paper processing, however, author of presentations in ISEM2024 receive exemption from publishing fee. In addition, selected papers from submitted ones will be awarded "The Best Paper Award" Don't miss this opportunity to submit your paper.

Submitted manuscripts will be peer-reviewed according to the journal standards. Please check the website for details:

[http://www.jes.or.jp/mag\\_eng](http://www.jes.or.jp/mag_eng)



The deadline for paper submissions by ISEM2024 speakers is 28 December, 2024.

