

# 8th International Symposium on Explosion, Shock wave and High-energy reaction Phenomena

## ESH2026

October 26-28, 2026

Parea, Kumamoto, Japan

### Organized by:

West Branch, Japan Explosives Society (JES)

### Cooperatively organized with:

Institute of Industrial Nanomaterials, Kumamoto University, Japan

Research Center for Advances in Impact Engineering, Sojo University, Japan

Technical Committee on Explosion & Impact Processing, JES

Committee on High-Energy-Rate Forming, Japan Soc. for Technol. of Plasticity

KOSEN Research Network for Shockwave Application Technology

### Chaired by:

Shigeru Tanaka, Kumamoto University

Katsumi Kato, Fukuoka University



### Honorary Chair: Kazuyuki Hokamoto, Kumamoto University

<https://eshp2026.org>

### Scope and aims:

The 8th ESHP Symposium in Kumamoto, Japan (2026), follows the successful 7th ESHP Symposium held in Maribor, Slovenia (2023). The symposium series has been organized in Kumamoto, Japan (2004, 2007), Seoul, Korea (2010), Okinawa, Japan (2013), Beijing, P.R. China (2016) and Pondicherry, India (2019) and returns to Kumamoto in 2026.

The aim of the triennial international ESHP Symposium is to promote the dissemination of significant advances in theoretical, computational, and experimental studies of explosion, shock waves and high-energy reaction phenomena, together with related fields of research.

### IMPORTANT DATES

### REGISTRATION FEES

			Early	Normal
10 July	Abstract due	JES Member	35,000 JPY	37,000 JPY
31 July	Notification of Acceptance	Non-Member	40,000 JPY	42,000 JPY
01 Aug.	Registration Open	Student, JES Member	18,000 JPY	20,000 JPY
15 Oct.	Early Registration Due	Student, Non-Member	20,000 JPY	22,500 JPY

### About Kumamoto:

ESH2026 will be held at the Kumamoto Prefectural Community Center "Parea", located in the heart of Kumamoto City. Kumamoto is known for its historic Kumamoto Castle and the magnificent natural landscapes of Mt. Aso. In 2026, ten years after the 2016 Kumamoto earthquakes, the city continues its recovery and renewal. We look forward to welcoming you to Kumamoto.

# CALL FOR PAPERS

## **Abstract Submission:**

All prospective authors wishing to give an oral or poster presentation are requested to submit a one-page A4 abstract, which may include one or two optional figures or tables, by July 10, 2026.

Please see the information below for details on the abstract format and submission procedure.

<https://eshp2026.org/submissions/>

## **Typical topics of interest include, but are not limited to:**

- Chemistry of energetic and reactive materials
- Shock waves in condensed and gaseous matter
- Explosive cladding and other high-rate material processing technologies
- Dynamic behavior of materials at high strain rates
- Computational modelling and analysis of high velocity impact
- Experimental measurement and observation of high-rate phenomena
- Self-propagating high-temperature synthesis
- Other fundamentals and applications of high-energy reaction phenomena

## **Notice:**

**ESH2026 prohibits presentations that include applications to military systems**

## **Paper publication:**

West Branch, Japan Explosives Society, welcomes all speakers in ESH2026 to submit papers for a journal "Science and Technology of Energetic Materials", STEM after the symposium. Normally, STEM charges publishing fee for paper processing, however, author of presentations in ESH2026 receive exemption from publishing fee.

The Science and Technology of Energetic Materials has Impact Factor and is indexed in:

UGC CARE

Web of Science (SCIE)

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

<https://www.jstage.jst.go.jp/browse/stem/-char/en>

The manuscript template for submissions to the journal "Science and Technology of Energetic Materials" is currently being prepared. We will inform all participants once it is ready.



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