

# FFW 2026

**Fracture Fatigue and Wear**

## **The 14th International Conference on Fracture Fatigue and Wear (FFW 2026)**

15-18 July 2026  
Matsue, Japan



### **Chairman**

Professor Magd Abdel Wahab,  
Laboratory Soete, Ghent University,  
Belgium

### **Objectives**

The 14<sup>th</sup> International Conference on Fracture Fatigue and Wear (FFW 2026) is scheduled to be held in Matsue, Japan on July 15-18, 2026. The overall objective of the conference is to bring together international scientists and engineers in academia and industry in fields related to Fracture Mechanics, Fatigue of Materials, Tribology and Wear of Materials. The conference covers industrial engineering applications of the above topics including theoretical and analytical methods, numerical simulations and experimental techniques. One of the aims of conference is to promote cooperation between international scientists and engineers from a large number of disciplines, who are involved in research related to Fracture, Fatigue and Wear.

### **Venue**

Matsue, often referred to as the "City of Water," is a picturesque city located in Shimane Prefecture, on the western coast of Japan's main island. Renowned for its stunning natural beauty, Matsue is embraced by Lake Shinji and the Ohashi River, which lends the city its nickname and contributes to its serene atmosphere. The cityscape features a harmonious blend of traditional Japanese architecture and modern elements. With its harmonious blend of history, nature, and modernity, Matsue presents a unique and authentic Japanese experience that captivates visitors from around the globe.

### **Conference topics**

#### **Fracture**

Linear Elastic Fracture Mechanics  
Elastic Plastic Fracture Mechanics  
Damage Mechanics  
Damage tolerance  
Dynamic Fracture  
Crack Propagation  
Crack Initiation  
Fracture Control  
Computational Fracture Mechanics

#### **Fatigue**

Fatigue Damage  
Fatigue Damage Assessment  
Fatigue Design  
Life Prediction Techniques  
Fatigue Crack Initiation  
Fatigue Crack Propagation  
Residual Stress effects on Fatigue Damage  
Fatigue mechanisms  
Short Crack propagation  
Fretting Fatigue

#### **Wear**

Wear Monitoring  
Wear Modelling  
Tribology of Materials  
Friction of Materials  
Mechanisms of Lubrication  
Surface Tribology  
Joint Mechanics  
Tribology of Machine Elements  
Tribology in Manufacturing

## **International Scientific committee**

Prof. S Abdullah, Universiti Kebangsaan Malaysia, Malaysia  
Dr. J Abenojar, Universidad Carlos III de Madrid, Spain  
Prof. J Toribio, University of Salamanca, Spain  
Dr. A Rudawska, Lublin University of Technology, Poland  
Dr. K Masuda, University of Toyama, Japan  
Prof. K Oda, Oita University, Japan  
Dr. Dagang Wang, China University of Mining and Technology, China  
Prof. Hung Nguyen-Xuan, HUTECH, Vietnam  
Prof. Timon Rabczuk, Bauhaus University Weimar, Germany  
Prof. X. Zhuang, Leibniz Universität Hannover, Germany  
Dr. Y.L. Zhou to Xi'an Jiaotong University, China  
Dr. Qi Zhao, Hubei University of Automotive Technology, China  
Prof. Lihau Wang, Tongji University, Shanghai, China  
Prof. Mojtaba Ayatollahi, University of Zanjan, Iran  
Dr. Anagnostis Toulfatzis, ELKEME Hellenic Research Centre for Metals S.A., Greece  
Prof. Magdalena Niemczewska-Wójcik, Cracow University of Technology, Poland  
Dr. Raul Campilho, Instituto Superior de Engenharia do Porto, Portugal

Prof. Yusuf Şahin, OSTIM Technical University, Turkey  
Prof. N. B. Dhokey, COEP Technological University, India

## **Paper Submission**

Please submit an abstract of maximum 250 words and include paper's title, author's name, affiliations and email address via the conference submission system. Selected papers will be published in Applied Mechanics Journal, Topical Collection Fracture, Fatigue, and Wear

## **Travel and Accommodation**

Matsue City offers many options in terms of accommodation ranging from affordable priced hotels to high quality hotels. Many of the City's hotels are concentrated around the Matsue JR Station and the area around the Matsue Shinjiko Onsen Station. In total, there are roughly 3,000 guest rooms available in these areas. In addition, the transportation from the hotels to each convention facilities is convenient.

Hotel 3,233rooms (4,527 people)

Ryokan\* 1,153 rooms (5,370 people)

\*Japanese style hotel with hot spring

For more information: [https://en.matsue-cvb.jp/info\\_tourism](https://en.matsue-cvb.jp/info_tourism)

## **Important Dates**

*Abstract submission deadline*

March 30, 2026

*Full Paper Submission*

June 15, 2026

*Registration Deadline*

June 15, 2026

*Conference Dates*

15-18 July 2026

## **Registration**

The registration fee is 650 Euro for regular delegate and 550 Euro students. The fee includes a flash drive of the book of abstracts, refreshments including 3 coffee breaks and lunch for the three days of the conference. Conference dinner costs an additional 70 Euro.

For online contributors, the registration fee is 350 Euro and includes the publication of the article in the conference proceedings and posting a pre-recorded video presentation or a poster on the conference website.

The registration deadline for authors is 15 June 2026.

## **Contact**

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