

First Announcement & Call for Papers



Visual-JW 2022

**The 6th International Symposium
on Visualization in Joining &
Welding Science through Advanced
Measurements and Simulation**
&
**The International Symposium on
Design & Engineering by
Joint Inverse Innovation for Materials
Architecture**

25-26 October 2022, Osaka, Japan

Organized by
Joining and Welding Research Institute,
Osaka University
Co-organized by Japan Welding Society

AIMS AND SCOPE

Visualization of complex phenomena in material processing through advanced measurements and simulation provides us critical information for acquiring scientific understanding of the mechanism that assists to develop new technology. The International Symposium on Visualization in Joining & Welding Science through Advanced Measurements and Simulation (Visual-JW) was firstly held in 2010, organized by Joining and Welding Research Institute (JWRI), Osaka University. The 6th international symposium (Visual-JW 2022) is held aiming at further development of the research field. Also, special Symposium on the Research Activities of Joint Usage/Research Center on Joining and Welding will be held. We will welcome participants from all over the world to this academic event.

ORGANIZING COMMITTEE

Conference Chair:

Masahiro Tsukamoto, Osaka University, Japan

Program Committee:

Chair: Soshu Kirihara, Osaka University, Japan

Hiroya Abe, Osaka University, Japan

Seiichiro Tsutsumi, Osaka University, Japan

Kota Kadoi, Osaka University, Japan

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Hajime Yamamoto, Osaka University, Japan

Executive Committee:

Chair: Hiroshi Nishikawa, Osaka University, Japan

Kosuke Takenaka, Osaka University, Japan

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Huihong Liu, Osaka University, Japan

Takahiro Kozawa, Osaka University, Japan

TOPICS

Visualization, Science and Engineering of

- Joining and welding process
- Mechanics in joining and welding
- Metallurgy in joining and welding
- Quality, safety and reliability
- Processing of nano and micro materials
- Advanced material processing
- Additive manufacturing

DATE AND LOCATION

The symposium will be held at the Senri Life Science Center (<https://www.senriic.co.jp/index.html/>) in Osaka, Japan, during October 25-26, 2022. The center is located within two hours by trains from Kansai International Airport, within about half an hour from Shin-Osaka Station and Osaka International Airport (Itami).

Senri Life Science Center



CONTACT

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