

Visual-JW 2022 & DEJI²MA-2



25-26 October 2022

Senri Life Science Center, Osaka, Japan

The 6th International Symposium
on Visualization in Joining & Welding Science through
Advanced Measurements and Simulation

&

The 2nd International Symposium
on Design and Engineering by Joint Inverse
Innovation for Materials Architecture (DEJI²MA-2)

in conjunction with

Symposium on the Research Activities of
Joint Usage/Research Center on Joining and Welding

Organized by *Joining and Welding Research Institute, Osaka University*

Co-organized by *Japan Welding Society*

AGENDA

25th October 2022

Room A					
Opening Ceremony					
09:50-10:00	Greeting				
Plenary Session					
10:00-10:30	PL-01-L				
10:30-11:00	PL-02-L				
11:00-11:30	PL-03-L				
11:30-13:00	Lunch				
Room A		Room B		Room C	
Joining Mechanics and Analyses 1		Welding Mechanism 1		Design & Engineering by Joint Inverse Innovation for Materials Architecture (DEJI²MA)	
13:00-13:20	JMA-01-L	13:00-13:20	WM-01-L	13:00-13:20	DEJI ² MA-01-L
13:20-13:35	JMA-02-O	13:20-13:35	WM-02-O	13:20-13:40	DEJI ² MA-02-L
13:35-13:50	JMA-03-O	13:35-13:50	WM-03-O	13:40-14:00	DEJI ² MA-03-L
13:50-14:05	JMA-04-O	13:50-14:05	WM-04-O	14:00-14:20	DEJI ² MA-04-L
14:05-14:20	JMA-05-O	14:05-14:20	WM-05-O	14:20-14:40	DEJI ² MA-05-L
14:20-14:35		14:20-14:35	WM-06-O	14:40-15:00	DEJI ² MA-06-L
14:30-14:50		14:35-14:50			
14:50-15:10	Coffee Break			15:00-15:20	Coffee Break
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15:25-15:40	JMA-07-O	15:25-15:40	WM-08-O	15:40-16:00	DEJI ² MA-08-L
15:40-15:55	JMA-08-O	15:40-15:55	WM-09-O	16:00-16:20	DEJI ² MA-09-L
15:55-16:10	JMA-09-O	15:55-16:10	WM-10-O	16:20-16:40	DEJI ² MA-10-L
16:10-16:25	JMA-10-O	16:10-16:25	WM-11-O	16:40-17:00	DEJI ² MA-11-L
16:25-16:40	JMA-11-O	16:25-16:40	WM-12-O	17:00-17:20	DEJI ² MA-12-L
16:40-16:55	JMA-12-O	16:40-16:55			
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18:05-18:20	MJ-04-O	18:05-18:20	CJ-04-O		
Break					
Banquet at Senri Hankyu Hotel 19:00-21:00					

26th October 2022

Room A		Room B		Room C	
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09:50-10:05	AM-04-O	09:50-10:05	JME-04-O	10:00-10:20	RAJU-04-L
10:05-10:20	AM-05-O	10:05-10:20	JME-05-O		
10:20-10:40	Coffee Break				
10:40-10:55	AM-06-O	10:40-10:55	JME-06-O	10:40-11:00	RAJU-05-L
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- PL-01-L** [Research on Novel Metal Materials by Laser Additive Manufacture](#) 1
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Shanghai Jiao Tong University, China

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- PL-02-L** [Seeing is Believing - Some New Insight into Laser Beam Welding and Cutting Processes](#) 2
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- PL-03-L** [How We Can Apply Computational Materials Science and Data Analyses to Developing New Semiconductor Materials](#)..... 3
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Chair: Yutaka S. Sato (Tohoku University, Japan) / Yuyang Hou (Osaka University, Japan)

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	1. Tohoku University, Japan 2. Nippon Steel Corporation, Japan

Design & Engineering by Joint Inverse Innovation for Materials Architecture (DEJI²MA) (Room C)

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	1. Tokyo Institute of Technology, Japan 2. Meiji University, Japan 3. Tohoku University, Japan 4. Tokyo Medical-Dental University, Japan

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1. Tohoku University, Japan 2 Tianjin University of Technology, China 3 Osaka University, Japan
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