

## **Yosuke Kawahito**

**Associate Professor, Osaka University, Japan**  
**Dean of Joining and Welding Research Institute (JWRI)**  
**E: [kawahito@jwri.osaka-u.ac.jp](mailto:kawahito@jwri.osaka-u.ac.jp)**  
**T: +81-6-6879-8652**

---



### **Areas of expertise**

Laser materials processing, Interaction of light and matter

### **Current Activities**

Main research activities are focused on fundamental theory of laser materials processing including laser welding. This is being applied to industrial problems such as micro laser welding of current-carrying component in batteries, power modules and industrial motor, remote welding and laser joining of dissimilar materials in the auto industries.

### **Brief biography**

Dr. Yosuke Kawahito is associate professor of Joining and Welding Research Institute at Osaka University. He has been studying laser materials processing since 2004, after work experience (Panasonic, Institute of Industrial Science, 1998-2004). He received a Ph.D. in engineering from Osaka University in 2005.

He has written about 70 papers and 12 patents on laser materials processing. He has received 12 awards concerning “Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology”, “The monodzukuri Nippon Grand Award” and “the best paper of the year” by the Japan Light Metal Welding Association (JLWA) two times, etc.

He serves as vice chairman of laser welding committee of Japan Light Metal Welding Association (JLWA), managers of Technical Commission on High Energy Beam Processing, Technical Commission on Welding Processes, Technical Commission on Joining and Material processing for Light Structures of the Japan Welding Society (JWS), etc.