



NMJ 2018

International Conference on
Nanjoining and Microjoining 2018



2-5 December, 2018

TODAIJI CULTURE CENTER
NARA, JAPAN

<http://www.nmj2018.org>

主催：(一社)溶接学会マイクロ接合研究委員会

Organized by Micro Joining Committee of Japan Welding Society

CALL for PAPERS

NMJ2018 - 4th International Conference on Nanjoining and Microjoining 2018

<http://www.nmj2018.org/>



DATE and VENUE

December 2 - 5, 2018

Todaiji Culture Center (Todaiji Museum), Nara, Japan

<http://www.todaiji.or.jp/english/museum.html>



ORGANIZED by

Micro Joining Committee of Japan Welding Society



SUPPORTED by

- University of Waterloo, Canada
- Empa - Swiss Federal Laboratories for Materials Science and Technology, Switzerland
- Tsinghua University, China
- Joining and Welding Research Institute, Osaka University, Japan
- Course of Manufacturing Science, Division of Materials and Manufacturing Science, Graduate School of Engineering, Osaka University, Japan



CONFERENCE CHAIR

Akio Hirose, Osaka University, Japan

SCOPE

Key technologies in the fields of e.g. micro-electronics, medical implants, sensing devices and packaging have an urgent need for advanced joining technologies to integrate, package and assemble nano- and micro-scale materials and components at ever-lower temperatures. While microjoining has already become one of the most critical technical prerequisites in the manufacturing of micro-devices and micro-systems, many technological advancements are still needed to allow faster and more reliable fabrication, continuing miniaturization and further cost reduction. The field of nanjoining is also evolving rapidly and is expected to become a key technology for the large-scale production and commercial application of nano-devices and nano-systems in the coming decades.

CONTACT

nmj2018@mapse.eng.osaka-u.ac.jp

