



# 10<sup>th</sup> International Conference on Trends in Welding Research & 9<sup>th</sup> International Welding Symposium of Japan Welding Society (9WS)

**October 11-14, 2016**

**Hitotsubashi Hall, Tokyo, JAPAN**

**<http://trends2016.org/>**

## **Organizing Societies**

- American Welding Society (AWS)
- Japan Welding Society (JWS)

## **Conference Co-chairs**

- Toshihiko Koseki, The University of Tokyo, Japan
- Stan David, Oak Ridge National Laboratory, USA
- Tarasankar DebRoy, Penn State University, USA
- Thomas J. Lienert, Los Alamos National Laboratory, USA
- Akio Hirose, Osaka University, Japan

## **Welcome to Tokyo in 2016**

The 10<sup>th</sup> International Conference on Trends in Welding Research will be held from October 11 to 14, 2016, in Tokyo, Japan, for the first time outside of USA. The conference covers not only the fundamental science of welding and joining but a wide variety of applications of welding and joining different materials in different industries, which include various approaches of theoretical analysis, experiments and numerical simulations. Also, the conference aims to provide a wonderful opportunity of technical discussions, having leading welding and joining scientists and engineers from all over the world. The 9<sup>th</sup> International Welding Symposium of Japan Welding Society will be jointly held during

the conference. So, we cordially invite you to the conference and hope that you will enjoy the technical discussions at the conference and also the best season of Japan.

## **Topics to be Covered**

- Fundamentals and applications of welding and joining processes
- Microstructure and metallurgical behaviors in welds
- Weldability of different materials
- Weld properties and performances
- Residual stress and distortion in weldments
- Monitoring, sensing and controls of welding
- Testing and inspections for weld integrity
- Welding practices in industries
- Modeling and simulation of weld behaviors

## **Important Dates**

- |                     |                            |
|---------------------|----------------------------|
| • April 30, 2016    | Abstract Submission        |
| • June 30, 2016     | Full Paper Submission      |
| • June 10, 2016     | Pre-registration (Early)   |
| • September 2, 2016 | Pre-registration (Regular) |

## **For More Information**

Visit the following website, <http://trends2016.org/>

## **For Contact**

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