

First announcement and call for papers



The 12th INTERNATIONAL CONFERENCE ON SUPERPLASTICITY IN ADVANCED MATERIALS

September 7-10, 2015
Ito International Research Center
Tokyo, Japan

Chief Organization: The Japan Society for Research on Superplasticity (JSRS)
Co-Organization: The Light Metal Educational Foundation, Inc., Japan
Ibaraki University

About ICSAM ICSAM 2015 is the 12th International Conference on Superplasticity in Advanced Materials. The ICSAM series of conferences (<http://www.icsam.info/>) have been held every three years since the first conference was organized and subsequently held in San Diego in 1982. The previous ten conferences were held in San Diego, Grenoble, Blaine, Osaka, Moscow, Bangalore, Orlando, Oxford, Chengdu and Seattle, rounding America, Europe and Asia. The last ICSAM 2012 has been held in Albi, France, Europe to attain many participants from more than fifteen countries.

Conference Topics

SUPERPLASTIC MATERIALS

Superplasticity in Crystalline Metals and Alloys
Superplasticity in Ceramics
Superplasticity in Intermetallics
Superplasticity in Bulk Metallic Glasses
Superplasticity in Nano Based Materials

MECHANISM OF SUPERPLASTICITY

High Strain Rate Superplasticity
Low Temperature Superplasticity
Mechanisms of Grain Boundary Sliding
Extreme Ductility
Microstructural Evolution during Superplastic Deformation
Damage and Cavities

MICROSTRUCTURE REFINEMENT

Severe Plastic Deformation
Friction Stir Processing
Other Refinement Technologies

SUPERPLASTICITY-RELATING PROCESSING AND PHENOMENA

Innovative Processing
Die Materials and Technologies
Sintering Phenomena and Mechanisms
Sinter-Forging
Theoretical Modeling and Simulation

DESIGN, TESTING AND MODELING

Numerical Simulations and Modeling
Integrated Structure Design
Design Using SPF/DB
Modeling of Material Behavior and Microstructure
Evaluation and Its Standardization

INDUSTRIALS APPLICATIONS

Superplastic Forming
Diffusion Bonding
Manufacturing Technologies
Other Industrial Applications

Call for papers

Please submit your abstract for paper presentations on all of the conference topics.
The deadline for submitting abstracts is February 1, 2015.

ICSAM International Advisory Board

Prof. E. Sato (Japan), Chairman
Prof. G. Bernhart (France)
Prof. R. Dashwood (UK)
Mr. L. D. Hefti (USA)
Prof. K. Hiraga (Japan)
Prof. G. Itoh (Japan)
Dr. R. Kaibyshev (Russia)
Dr. P. Krajewski (USA)
Prof. Z.Q. Li (China)
Prof. E. Massoni (France)
Prof. T. McNelley (USA)
Prof. Y. Motohashi (Japan)
Dr. T. P. Prado (Spain)
Prof. E. M. Taleff (USA)
Dr. M. Wallis (UK)
Prof. G.F. Wang (China)
Dr. A. P. Zhilyaev (Russia)

Local Advisory Committee

Prof. T. Sakuma Kochi Inst. Tech., Chairman of JSRS
Prof. N. Furushiro Osaka Univ.
Prof. M. Hirohashi Chiba Univ.
Prof. Y. Motohashi Ibaraki Univ.

Local Organizing Committee

Chairman
Vice chairman
Treasurer
Secretary
Secretary
Secretary

Prof. G. Itoh
Prof. E. Sato
Prof. T. Itoi
Prof. K. Kitazono
Prof. J. Kobayashi
Dr. K. Morita
Prof. Y. Takayama
Dr. H. Fujii
Prof. K. Higashi
Prof. K. Hiraga
Prof. Z. Horita
Prof. Y. Ikuhara
Mr. T. Kudo
Prof. M. Mabuchi
Prof. T. Mukai
Dr. K. Seto
Prof. T. Shibayanagi
Dr. K. Tsuchiya
Prof. F. Wakai
Dr. H. Watanabe

Ibaraki Univ.
Japan Aerospace Exploration Agency
Chiba Univ.
Tokyo Metropolitan Univ.
Ibaraki Univ.
National Institute for Materials Science
Utsunomiya Univ.
Nippon Steel & Sumitomo Metal
Osaka Prefecture Univ.
Kitami Institute of Technology
Kyushu Univ.
Univ. Tokyo
UACJ Corporation
Kyoto Univ.
Kobe Univ.
JFE Steel Corporation
Univ. Toyama
National Institute for Materials Science
Tokyo Institute of Technology
Osaka Municipal Technical Research Inst.

Publication

All papers (oral and poster) will be peer reviewed by the members of the ICSAM2015 Scientific Reviewing Committee and will be published in a special issue (book and on line) of Material Science Forum Journal, Trans Tech Publications Ltd.

Important Dates

Abstracts deadline (150 words): February 1, 2015
Notification of Acceptance : March 1, 2015
Complete paper submission (6 pages) : April 1, 2015
Final submission after reviewing : July 1, 2015
On line publication of the proceedings : September 6, 2015

Registration

Registration fees (Early reg.: before August 1, 2015)

Regular	Early reg. 60,000 JPY Late reg. 70,000 JPY
Students	Early reg. 20,000 JPY Late reg. 25,000 JPY

For general information regarding ICSAM 2015, CONTACT:

Email: secretariat@icsam2015.jp
<http://icsam2015.jp/>

Venue Ito International Research Center

Hongo Campus, University of Tokyo, Tokyo, Japan
7-3-1, Hongo, Bunkyo-ku, Tokyo ZIP 113-0033
<http://www.u-tokyo.ac.jp/ext01/iirc/en/>



The Japan Society
for Research on
Superplasticity



The Light Metal
Educational
Foundation, Inc.



Ibaraki University



Rev. B