

13th International Conference on Superplasticity in Advanced Materials (ICSAM 2018)

August 19-22, 2018
St. Petersburg, Russia



WELCOME TO THE 13th INTERNATIONAL CONFERENCE ON SUPERPLASTICITY IN ADVANCED MATERIALS!

Scope: The ICSAM 2018 Conference will cover all aspects of alloy design, processing, microstructure/property evaluation, testing and commercial application of superplastic materials, as well as grain refinement and related phenomena. In addition, two special symposiums to honor the memory of former distinguished colleagues in the area of superplasticity, Prof. O.A. Kaibyshev and Prof. O. Sherby, will be organized.

Oral presentations dealing with the various conference topics listed below will be included in the conference program. The conference committee has invited eminent internationally recognized researchers in key areas of superplasticity and related phenomena from various countries around the world to deliver plenary keynote lectures at the ICSAM 2018.

Chief Organization:

Federal State Autonomous Educational Institution of Higher Education «Belgorod National Research University»

Co-Organization:

- Federal State Budgetary Educational Institution of Higher Education «Saint-Petersburg State University»
- Federal State Autonomous Educational Institution of Higher Education «Saint Petersburg National Research University of Information Technologies, Mechanics and Optics»
- Limited Liability Company «Armalit31»

Conference Topics

- SUPERPLASTIC MATERIALS AND MECHANISMS OF SUPERPLASTICITY
- SUPERPLASTICITY-RELATED PROCESSING AND PHENOMENA
- INDUSTRIAL APPLICATIONS
- MECHANICAL AND FUNCTIONAL PROPERTIES OF ULTRAFINE-GRAINED MATERIALS
- GRAIN REFINEMENT BY SEVERE PLASTIC DEFORMATION
- DESIGN, TESTING AND MODELING

International Committee

Prof. Goroh Itoh	Japan
Prof. Gérard Bernhart	France
Mr. Werner Beck	Germany
Prof. Richard Dashwood	UK
Mr. Larry D. Hefti	USA
Prof. Koichi Kitazono	Japan
Prof. Koji Morita	Japan
Prof. Rustam Kaibyshev	Russia
Prof. Megumi Kawasaki	USA
Prof. Zhi Qiang Li	China
Dr. Teresa Perez Prado	Spain
Prof. Eric M. Taleff	USA
Dr. Mike Wallis	UK
Prof. Guofeng Wang	China
Dr. Alexander P. Zhilyaev	Russia

National Program Committee

Prof. R. Kaibyshev	Belgorod National Research University, Belgorod
Dr. A.P. Zhilyaev	Institute for Metals Superplasticity Problems, RAS, Ufa / Magnitogorsk State Technical University, Magnitogorsk
Prof. R.Z. Valiev	Saint Petersburg State University, Saint Petersburg /Ufa State Aviation Technical University, Ufa
Prof. A.A. Zisman	NRC "Kurchatov Institute" - CRISM "Prometey", Saint Petersburg
Dr. S.V. Zherebtsov	Belgorod National Research University, Belgorod
Prof. A.E. Romanov	Saint Petersburg National Research University of Information Technologies, Mechanics and Optics, Saint Petersburg
Prof. B.B. Straumal	National Research University "MISIS"/ Institute of Solid State Physics RAS, Moscow
Prof. A.M. Glezer,	National Research University "MISIS", Moscow

Local Committee

Prof. R. Kaibyshev	Chairman
Dr. M. Tikhonova	Conference Coordinator
D. Magomedova	Representative of Saint-Petersburg State University
D. Tagirov	Representative of the Partner Company Armalit31

ICSAM 2018

St. Petersburg, Russia

Important Dates

Manuscript Due
March 1, 2018

Program
July 15, 2018

Conference opening
August 19, 2018

Keynote Speakers

- Fernando Carreño** Centro Nacional de Investigaciones Metalúrgicas (CENIM), Madrid, Spain
- Ming Wang Fu** Department of Mechanical Engineering, The Hong Kong Polytechnic University, Hong Kong, China
- Kenji Higashi** Osaka Prefecture University, Osaka, Japan
- Megumi Kawasaki** Oregon State University, USA
- Eiich Sato** JAXA Institute of Space and Astronautical Science, Sagamihara, Japan



Invited Speakers

- Elena Astafurova** Laboratory of physics of structural transformations, Institute of Strength Physics and Materials Science, Siberian Branch of Russian Academy of Sciences, Russia
- Jose Maria Cabrera** Departamento de Ciencia de los Materiales e Ingeniería Metalúrgica, EEBE – Universitat Politècnica de Catalunya, Spain
- Atul H. Chokshi** Department of Materials Engineering, Indian Institute of Science, Bangalore 560 012, India
- Kaveh Edalati** WPI, International Institute for Carbon-Neutral Energy Research (WPI-I2CNER), Kyushu University, Japan
- Roberto B. Figueiredo** Department of Materials Engineering and Civil Construction, Universidade Federal de Minas Gerais, Brazil
- Alexander M. Glezer** National University of Science and Technology «MISIS», Moscow, Russia
I.P. Bardin Science Institute for Ferrous Metallurgy, Russia
- Zenji Horita** Department of Materials Science and Engineering, Kyushu University, Fukuoka, Japan
WPI, International Institute for Carbon-Neutral Energy Research (WPI-I2CNER), Kyushu University, Japan
- Hyoung Seop Kim** Department of Materials Science and Engineering, Pohang University of Science and Technology (POSTECH), Republic of Korea
- Terence G. Langdon** Materials Research Group, Department of Mechanical Engineering, University of Southampton, U.K.
- Toshiji Mukai** Department of Mechanical Engineering, KOBE University, Japan
- Anantha K. Padmanabhan** Member (Physical Sciences), Research and Innovation Advisory Board, Tata Consultancy Services (TCS) & Research Advisor, TCS & Aditya Birla S&T Company, IIT-Madras Research Park, India
- Gencaga Purcek** Department of Mechanical Engineering, Karadeniz Technical University, Turkey
- Alexey E. Romanov** ITMO University, St. Petersburg, 197101, Russia
- Oscar A. Ruano** Department of Physical Metallurgy, CENIM-CSIC, Spain
- Laszlo S. Toth** Laboratory of Excellence on Design of Alloy Metals for low-mAss Structures ('DAMAS') and the Laboratoire d'Etudes des Microstructures et de Mécanique des Matériaux ('LEM3') of the Lorraine University, France
- Ruslan Z. Valiev** Ufa State Aviation Technical University, Institute of Physics of Advanced Materials, / Saint Petersburg State University, Russia.
- Guofeng Wang** National Key Laboratory of Precision Hot Processing of Metals, Harbin Institute of Technology, Harbin, 150001, China
- Sergey Zhrebtsov** Department of Materials Science and Nanotechnology, Belgorod State University, Russia
- Alexander P. Zhilyaev** Institute for Metals Superplasticity Problems, RAS, Ufa / Magnitogorsk State Technical University, Magnitogorsk, Russia

Call for papers

The deadline for manuscript submission is March 1, 2018. *This is a strict deadline!*

All papers will be peer reviewed by the members of the ICSAM 2018 National and International program committees and will be published in a special issue of Material Science Forum, Trans Tech Publications Ltd.

Please up prepare in accordance with Paper Instructions for Authors and Paper Template, <http://icsam.bsu.edu.ru/icsam/submit-manuscript/>, and then upload the papers using the following link: <https://www.scientific.net/Account/Login?returnUrl=%2F>.

The maximum length of your paper is 6 pages.

Venue

Hotel Holiday Inn Moskovskye Vorota, Moskovskiy prospect 97A, Saint-Petersburg, 196084, Russia.

The hotel is located in a peaceful district in the central part of St. Petersburg.

Details can be found at web-site <http://icsam.bsu.edu.ru/icsam/venue/>.

Visa

All foreign visitors to the Russian Federation must possess a passport valid for at least the next 6 months. Registered participants who need an invitation for the visa application should fill the FORM (<http://icsam.bsu.edu.ru/icsam/info/#10>), and copy the passport and send these documents to Daria Magomedova: magmedva.dasha@mail.ru.

Accommodation

Hotel Holiday Inn Moskovskye Vorota ****

Moskovskiy prospect 97A, Saint-Petersburg, 196084, Russia

<http://www.hi-spb.com/eng/>

Hotel offers special discount for ICSAM 2018 participants (price includes: VAT, buffet breakfast):
single room: 7 200 RUR / night
double room: 7 800 RUR / night
Discount will be valid until May 31, 2018.

Hotel provides an invitation for visa application.

Hotel Ambassador ****

5-7, Rimsky-Korsakov av., Saint-Petersburg, 190068, Russia

<https://en.ambassador-hotel.ru/>

Hotel offers special discount for ICSAM 2018 participants (price includes: VAT, buffet breakfast):
single room: 6 100 RUR / night
double room: 7 050 RUR / night
Discount will be valid until July 27, 2018.

Hotel provides an invitation for visa application.

Tourist Hotel **

Sevastyanova Street 3, Moskovskiy district, Saint-Petersburg, 196105, Russia

<https://www.booking.com/hotel/ru/tourist-saint-petersburg-en-gb.html.../>

Accommodation costs (prize includes: VAT, buffet breakfast):
single room: 2 600 RUR / night
double room: 2 800 RUR / night
Discount will be valid until July 27, 2018

Conference fees

	Early bird Before April 15, 2018	Standard
Regular participant*	550 Euro	650 Euro
Junior researcher*	300 Euro	350 Euro
Accompanying person	150 Euro	150 Euro

* The authors, who want to publish their manuscripts in the Special Issue, must pay the Conference fee by May 1, 2018

Details of payments can be found at web-site <http://icsam.bsu.edu.ru/icsam/conference-fees/>.

The registration fee includes
For regular participants and junior researchers:
Admission to all conference sessions
Admission to coffee breaks, lunches
Admission to the welcome party and conference dinner
A conference tour
Conference bag with the book of abstracts and other materials
Publication of the manuscript in the periodical/proceedings
Official invitation for a visa to Russia and mailing
For accompanying person:
Admission to the welcome party and conference dinner
A conference tour
Conference bag with the book of abstracts and other materials
Official invitation for a visa to Russia and mailing

For general information regarding ICSAM 2018, CONTACT:

Email: icsam@bsu.edu.ru

Web-site: <http://icsam.bsu.edu.ru/>

