

Organizing Committee

M. Takeyama	Tokyo Institute of Technology (Chair of 123rd Committee)
M. Igarashi	Nippon Steel & Sumitomo Metal Corporation
K. Kimura	National Institute for Materials Science
Y. Murata	Nagoya University
Y. Kondo	National Defense Academy
K. Yoshimi	Tohoku University
K. Kurokawa	Hokkaido University
Y. Terada	Tokyo Institute of Technology
K. Kawamura	Tokyo Institute of Technology
M. Okabe	Daido Steel Co., Ltd
S. Nishikiori	IHI Corporation
T. Azuma	The Japan Steel Works, Ltd.
Y. Yoshioka	Toshiba Corporation
H. Doi	Hitachi, Ltd.
Y. Kadoya	Mitsubishi Heavy Industries, Ltd.

Conference Secretariat

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About Sapporo



Okurayama Jump Stadium
(In winter)

Sapporo is the capital of Hokkaido, peaceful and wealthy land of nature, and the fifth largest city in Japan with a population of about 2 million. The city is best known as host of the 1972 Winter Olympic Games and is home to Sapporo Brewery. The name of the city stands for "dry, great river" in the language of the Ainu, the indigenous people of Hokkaido.

Venue

Conference Hall of Hokkaido University

Conference Hall of Hokkaido University is within a 10 minutes' walk from Sapporo Railway Station. It takes 40 minutes from New Chitose Airport to Sapporo Railway Station by train (JR line).



Access to Venue

Conveniently situated close to the city of Sapporo, New Chitose Airport has regular direct international flights from various cities overseas, with domestic flights to main international airports at Narita, Haneda, Nagoya (Chubu) and Kansai as well as other regional airports.



1st ANNOUNCEMENT



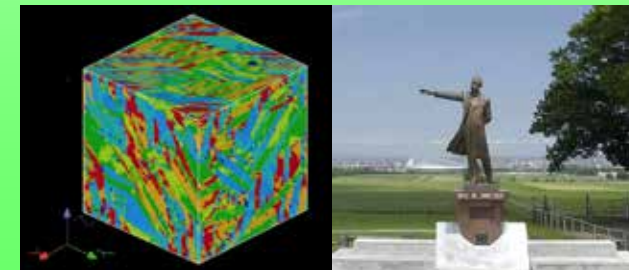
**123rd Committee on Heat Resisting
Materials and Alloys**
Japan Society for the Promotion of
Science (JSPS, "Gakushin")

The 1st International Conference on

Advanced High-Temperature Materials Technology for Sustainable and Reliable Power Engineering (123HiMAT-2015)



29 June – 03 July 2015
Sapporo, Japan



<http://www.mkg.mtl.titech.ac.jp/123HiMAT-2015>

History of 123rd Committee

The 123rd Committee on Heat Resisting Materials and Alloys was established in 1957 to promote university-industry cooperation under a program of Japan Society for the Promotion of Science (JSPS). The committee is the most authoritative and prestigious in the field of high-temperature metallic materials in Japan, and is actively working with the following four subcommittees: (1) Heat resisting steels, (2) Superalloys, (3) Advanced materials & processing, (4) Environment-resistant characteristics.

Details are available in the official website:
<http://www.jsps.go.jp/english/e-soc/list/123.html>

Scope

Following a long tradition and history of the 123rd Committee, the 1st international conference (123HiMat-2015) on advanced high-temperature materials for power engineering is timely organized in Sapporo, Japan. The conference aims to discuss and exchange views on any topics related to thermal power engineering, with scientists and engineers from all over the world especially from Southeast Asia. Fostering of young researchers and engineers to lead this field in the near future is another important aim of this conference. Thus, young scientists and active researchers are highly encouraged to join. Educational seminar for youngsters is planned prior to the conference.



Steam Turbine (Courtesy of Toshiba)

Main Topics

The topics of the conference include

- 1) Alloy design
- 2) Mechanical properties
- 3) Life prediction
- 4) Microstructural characterization
- 5) Oxidation & corrosion, coatings
- 6) Processing and fabrication

in any metallic materials related to power engineering.

Plant Tour

Post conference tours will be arranged to visit the USC power plant of Hokkaido Electric Power Co., Inc. and the Muroran Plant of The Japan Steel Works, Ltd. (JSW).



14000T Free Forging Press (Courtesy of JSW)

Important Date

2nd announcement	April 2014
Call for abstracts	April 2014
Abstract deadline	October 31st 2014
Notification	November 30th 2014
Early bird registration	March 31st 2015

Conference Language

The conference language is English. Simultaneous interpretation is not available.

Proceedings

The papers presented at the conference will be published. Detailed instructions for the authors will be available at the conference website soon.



Creep Testing Machines (Courtesy of NIMS)