

**11th Japan International SAMPE  
Symposium & Exhibition  
JISSE-11**

***Call for Papers***

**Deadline for Submission of Abstract:  
May 31, 2009**

*“Advanced Material Technology  
for Sustainable Development.”*



Tokyo Big Sight  
Tokyo, Japan  
November 25 –27, 2009  
Sponsor: Japan Chapter of SAMPE

**<http://www.jisse-11.org>**



## ***Invitation to the 11th Japan International SAMPE Symposium & Exhibition***

The Japan Chapter of SAMPE willingly welcomes participants and speakers of the 11th Japan International SAMPE Symposium and Exhibition (JISSE-11). The symposium will be held from November 25 (Wed.) to 27 (Fri.) in 2009 at Tokyo Big Sight, Tokyo.

For recent advanced technologies, novel materials and fabrication process is quite significant. Not only productions of amazing products, but ecological point of view are indispensable to realize sustainable developments in the next decades. SAMPE has provided major information on the advanced materials and processing. SAMPE has experienced successful 10 JISSE conferences. In the past conferences, exciting sessions that reflected the technological trend in those days have been organized.

JISSE-11 have technical sessions focusing on Nano materials, Green composites, Active smart composites, Multifunctional materials, Materials and Processing for Automobile and Ground Transportation, Design and Manufacturing Technology, New Materials and Fabrication Technology, Polymer Matrix Composite, Metals, Ceramics, Carbon and Their Composites, CAD/CAM/CAE and Computational Engineering, structural and Measurement and Nondestructive Evaluation.

Adding to these technical sessions, we plan 2-Plenary Lectures, 5-Special Lectures, 1-Panel Session on market trend and 1-Commercial Production Session.

JISSE-11 also provides tutorial courses. Details of the tutorial workshops will be unveiled on the web site.

JISSE-11 willingly invites all the scientists, engineers, technicians, and companies involved in the most advanced developments in materials and processing to present their research results. Useful research information, valuable business opportunities and your new colleagues are waiting for you here in exciting city Tokyo.

# **JISSE-11 Organization**

## **Organizing Committee**

*Chairman*

S. Iwai

SAMPE Japan Chapter (Chairman)

Tokyo Technology Co. Ltd.

## **Symposium Committee**

*Chairman*

K. Kageyama

The University of Tokyo

*Vice-Chairman*

Y. Yamaguchi

KYC-Japan

G. Noguchi

Showa Aircraft Ind. Co. Ltd.

N. Teranishi

NT-ADCO

A.Todoroki

Tokyo Institute of Technology



## ***Technical Program***

The technical program is composed of 14 Technical Sessions.

### **(1) Nano-materials**

Carbon nano tube, nano particle composites, nano-tech materials, etc

### **(2) Green composites**

Materials and Processing of green composites, material properties of green composites and reliability, etc

### **(3) Polymer matrix composites**

Mechanics, Modeling (RTM, FW, SMC, etc), Damage, Fracture, Durability, Reliability, Interface, Design, Industrial applications,

### **(4) Design and Analysis**

CAD/CAM/CAE, FEM, Modeling and simulation, Optimization

### **(5) Structural health monitoring and nondestructive evaluation**

Measurement, Test methods, Nondestructive evaluation, Health monitoring, Manufacturing monitoring, Sensors

### **(6) Active smart composites**

Vibration control, Composites with actuators, Artificial muscle, Morphing structure, Actuators for smart composites

### **(7) Bio and medical applications of advanced materials**

Bio materials, Composites and advanced materials for medical applications, Analysis of bio applications, etc

### **(8) Aerospace applications**

### **(9) Automobile, Marine, Ground transportation and civil infrastructures**

### **(10) Composites in sports & recreational products**

### **(11) Advanced materials for composites**

Advanced resins, metals, ceramics for composite matrix, Reinforcements, Surface treatment, etc

### **(12) Multifunctional materials**

Applications and process of multifunctional materials, etc

### **(13) MMC, CMC, C/C composites**

Non-polymer matrix based composites, Fabrication process, Properties, Testing method, etc

### **(14) Traditional Crafts**

Traditional technologies for composites

## ***Language***

The official language of the Symposium is English.

## ***Call for Papers***

### **Deadline for Submission of Abstract: May 31, 2009**

Participants interested in presenting their original papers are invited to send a 150-word abstract through the web site by **May 31, 2009**. The abstract should be prepared by using text only.

**<http://www.jisse11.arrow.jp>**

The submission of abstract is accepted only through the official web site. Author will be informed of the acceptance of their papers in **June, 2009**.

### **Deadline for Submission of Full Paper: August 31, 2009**

Authors whose papers are accepted will be requested to provide final manuscripts of their papers in English by **August 31, 2009**. The length of the manuscript is 6 pages. Details of the formats for the manuscript will be shown on the web site.

## ***Registration***

Registration will be done through the web site. Payment of the registration fee is by Credit Card (VISA, Master Card or AMEX) or bank transfer.

## ***Registration Fee***

### **Before September 1, 2009**

SAMPE Members:	JPY. 40,000
Non-SAMPE Members:	JPY. 50,000
Student:	JPY. 15,000
One- Day Registration:	JPY. 20,000
(On-site)	(Both SAMPE member and non-member)
	JPY. 6,000 (Student)

Registration **after September 1, 2009** will lead to an extra charge of JPY. 5,000. On-site registrations will be available by cash (JPY) or credit cards.

## ***About SAMPE and its Japan Chapter***

The Society for the Advancement of Material and Process Engineering (SAMPE) was founded in 1944 by nine aircraft professionals in California. Throughout its 60-year history, SAMPE has over 60 chapters worldwide, including six Asian chapters in Japan, Taiwan, Korea, Beijing, Shanghai, Australia and India. If you need any information about SAMPE Japan chapter, please make a contact to the following:

**SAMPE Japan Chapter**

**c/o Galileo Inc.**

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**FAX: +81-3-5907-6364**

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## ***For more information about JISSE-11, please contact:***

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