

The 8th SMA Symposium 2015 in KANAZAWA

Recent Research and Development of Shape Memory Alloys as Advanced Functional and Biomedical Materials

Scope of the Symposium

Shape memory alloy, which moves when warmed up, and superelastic alloy, which stretches and shrinks as if it were rubber, was once referred to as 'new materials of dreams'. But industries are now using an increasing number of the alloys. The alloys are widely used in our daily life as a representative of functional materials. In order to promote the development of new applications of shape memory alloys, ASMA has been organizing annual symposia since 2008. The symposia comprise invited and contributed lectures by senior speakers as well as oral and poster presentations by young researchers, and have been well received.

This year's symposium will be held in November in Kanazawa city, Ishikawa pref. We would like to invite many people to present their research results not only on the rapidly growing field of medical device applications, but also on other emerging applications in various areas of industries, as well as on development of new shape memory alloys.

We are looking forward to receiving many registrations for the presentation and attendance.

●**Date and Time: November 12th (14:00-17:30) and 13th (9:00-12:00), 2015**

●**Place: KANAZAWA KAGEKIZA (The Kanazawa Theatre)**

<http://www.kagekiza.gr.jp/>

Sponsored by Association of Shape Memory Alloys (ASMA)

Co-sponsored by Research Committee on Multi-functionalization of Structures by Shape Memory Materials and its Design & Application, Materials & Mechanics Division, The Japan Society of Mechanical Engineering (JSME)

Invited Lectures !!

“Crystallographic Aspect of Martensitic Transformation”

Prof. Takuya OHBA (Dept. of Materials Science, Interdisciplinary Graduate School of Science and Engineering, Shimane University)

“Role of TiNi phase in Nb-TiNi hydrogen permeation alloy”

Prof. Kazuhiro ISHIKAWA (School of Mechanical Engineering, College of Science and Engineering, Kanazawa University)

“Uniting Origami with Mathematics and Application of Origami Technique to Engineering Field”

Assist. Prof. Fumiko SUGIYAMA (Dept. of Aeronautics and Astronautics, Graduate School of Engineering, Kyoto University)

□ ■ □ **Call for Papers : Oral and Poster Presentation!!!** □ ■ □

In particular, we appreciate your presentation from clinical, mechanical engineering and medical equipment manufacturers. The poster session will be held on Nov. 12th. We look forward to participation of many young researchers and students. We will let you know the contents and the application procedure in the website of ASMA.

<http://www.asma-jp.com/>

***We recommend you to plan for this symposium and book the hotel as soon as possible. November is high season for sightseeing and other events will be held in Kanazawa in the weekend. There are not so many hotels in Kanazawa.**