

The 7th SMA Symposium 2014 in Fukuoka

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, were 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 lectures by foreign speakers and presentations by young researchers in addition to invited and contributed lectures by senior speakers, and have been well received. This year's symposium will be held in November in Fukuoka City.

We would like to invite many people to present their researches not only on the rapidly growing field of medical device applications, but also on other emerging applications in various areas of industries, including actuators, as well as on the development of new shape memory alloys.

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

● Date and Time: November 13th (13:00 -17:00) and 14th (9:00 - 12:00), 2014

● Place: Across Fukuoka <http://www.acros.or.jp> 1-1-1 Tenjin, Chuo-ku, Fukuoka city

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

- Prof. Kaneaki Tsuzaki (Kyushu University, Department of Mechanical Engineering)
"New Trend of Ferrous Shape Memory Alloy: from Function to Structure."
- Prof. Toshiro Higuchi (The University of Tokyo, Graduate School of Engineering, Department of Precision Machinery Engineering)
"Developments of new actuators and promising applications of Shape Memory Alloy."
- Prof. Hidekazu Tamauchi (Ehime Prefectural University of Health Sciences, Division of Fundamental Medical Technology)
"Biomaterials and Nickel Allergy."

Call for Papers, Oral and Poster Presentation !!!

In particular, we appreciate your presentation from clinical, mechanical engineering and medical equipment manufacturers.

For the poster session, it will be held on Nov. 13th only, we look forward to participation from many young researchers and students.

We will let you know the contents and the application procedure in the website of ASMA. (Coming soon !)

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