



The Second US-Japan Workshop on Combinatorial Materials Science and Technology

**Winter Park Mountain Lodge, Winter Park,
Colorado
December 9-11, 2002**

Final Call for Papers

Abstract Deadline: August 30th, 2002

We invite you to participate in the Second US-Japan Workshop on Combinatorial Materials Exploration which will be held at the Winter Park Mountain Lodge, in Winter Park, Colorado from December 9th - 11th, 2002 (the week immediately following the Fall MRS.) Members of the international scientific and engineering community interested in combinatorial materials science and technology are invited to participate in the Workshop. We invite participation from industry, universities and national laboratories not just from Japan and the U.S, but from around the world. Please forward this e-mail to others who may be interested. The abstract deadline has been extended to August 30th, 2002.

Scope of the Workshop: The Workshop will include all aspects of combinatorial materials research with a particular emphasis on electronic and functional materials.

Topical areas of interest include:

- Combinatorial approaches to electronic materials (including optical, magnetic, ferroelectric and smart materials), polymers, and homogeneous and heterogeneous catalysts
- Composition-spread techniques
- High-throughput characterization techniques
- Computational combinatorial chemistry
- Materials informatics and data mining
- Knowledge management systems
- Process monitoring, control and optimization

Abstract Submission: Those interested in contributing a paper should send a 200 word (maximum) abstract via e-mail to takeuchi@squid.umd.edu by August 30th, 2002.

Tentative List of Invited Speakers

J. J. Hanak

Wilhelm Maier (University of Saarland)

John Perkins (NREL)

Eric Amis (NIST)

Krishna Rajan (RPI)

Wayne Gladfelter (University of Minnesota)

Ji-Cheng Zhao (GE)

Mikk Lippmaa (Tokyo University)

Y. Yamamoto (TIT)

T. Fukumura (Tohoku University)

M. Kubo (Tohoku University)

T. Kobayashi (AIST)

S. Todoroki (NIMS)

T. Nara (Ministry of Education, Science and Technology, Japan)

Shuichi Iwata (The University of Tokyo)

Organizing Committee:

U.S. side: X.-D. Xiang (Intematix Corporation)

D. Ginley (National Renewable Energy Laboratory)

I. Takeuchi (University of Maryland)

J. Hewes (National Institute of Standards and Technology)

F. Tsui (University of North Carolina)

G. Jabbour (University of Arizona)

E. Smotkin (Illinois Institute of Technology)

Japan side: H. Koinuma (Tokyo Institute of Technology)
M. Watanabe (National Institute for Research in Inorganic Materials)
T. Chikyow (National Institute for Research in Inorganic Materials)
E. Suzuki (RITE)
A. Miyamoto (Tohoku University)
M. Kawasaki (Tohoku University)

The first Japan-US Workshop on Combinatorial Materials Science and Technology was held in the Sheraton Maui Hotel Convention Center, Maui, Hawaii, October 1-3, 2000. The proceedings from the first Workshop have been published in *Applied Surface Science*.

Publication: The proceedings of the Workshop will be published in *Applied Surface Science* as a special issue. Detailed instructions on the preparation of manuscripts for submission will be available on the Workshop website for authors whose papers are accepted for presentation at the Workshop. All manuscripts are due prior to the Workshop.

Location: Winter Park is one of Colorado's premier destinations for world-class skiing, hiking, biking and year-round entertainment for the whole family. During the winter, Winter Park provides skiing and snowboard terrain for all levels, including the infamous Mary Jane ski area testing your abilities to the fullest. From a horse-drawn sleigh ride, snowshoeing, cross-country skiing, tubing hills, ice-skating, horseback riding, or snowmobiling to the top the Continental Divide, there is always an adventure waiting for you. The Winter Park Mountain Lodge is located literally across the street from the ski slopes. Ski and tour packages will be available. For more information about the hotel, go to <http://www.winterparkhotel.com>. We have reserved a set of rooms **at the rate of \$55/night**.

Registration: \$500 per person, \$350 student - pre-registration (ends 11/01/02)
\$550 per person, \$400 student - late/on-site registration

Registration includes cost of two receptions (12/8 and 12/9), Banquet (12/10), continental breakfast and lunch for each day plus one Workshop T-shirt. Registration forms are available on line at the Workshop [website](#).

Exhibits are scheduled for Monday through Tuesday evening.

Further information