

ACCMS Working Group Meeting on Clusters and Nanomaterials

Asian Consortium for Computational Materials Science (ACCMS) has entered into 5th year of its existence and we have successfully organized three conferences involving various active research groups in the Asian region. In order to optimally utilize our resources and manpower, it is widely felt that we should have a few working group meetings on the emerging areas of materials science. In view of the phenomenal growth in experimental as well as computational research in the field of clusters and nanomaterials all over the world, it is worthwhile to mobilize the community of people working in this area in different Asian countries and regions. We propose to have the first Working Group Meeting on Clusters and Nanomaterials organized under the banner of ACCMS and the Cluster Science initiative in Japan. The scope of this meeting will encompass fundamentals as well as application aspects of all nano-scale materials and phenomena. The deliberations will include theoretical as well as experimental research in this field.

The topics covered will include

- * Metallic and Semiconducting Clusters
- * Biological Materials
- * Fullerenes and Nanotubes
- * Quantum Dots
- * Cluster Assembled Materials
- * Nano-spintronics Materials
- * Transport in Nanoscale and Molecular Electronics
- * Methodologies for Size-dependent Properties

The venue, dates and expected number of participants and deadlines are :

Venue : Institute for Materials Research, Tohoku University, Sendai, Japan

Dates : 7-9 September, 2006

Expected number of participants : 100

Deadline for submission of Abstracts : 18 August, 2006

Programme Advisory and Execution Committee:

Yoshiyuki Kawazoe (Japan) : Convener

Tamotsu Kondow (Japan), Kaoru Ohno (Japan), Gour Prasad Das (India), Jisoon Ihm (Korea)
QiangSun(USA), Vijay Kumar(India), Keivan Esfarjani(USA), Vladimir R. Belosludov(Russia)

Local Organizing Committee

H. Mizuseki : General Secretary

R. Sahara, Y. Miyahara, K. Oyamada, and M. Watanabe

<http://www-lab.imr.edu/~accmsgm1/> Contact : accmsgm1@imr.edu