

## World Materials Research Institute Forum (session I )

### Summary

The first international World Materials Research Institute Forum session I was held on June 6<sup>th</sup> – 7<sup>th</sup>, 2005 in Tsukuba, hosted by NIMS. The guest speakers, representing 11 institutes, from 8 countries gave keynote lectures. During the discussions, the guest speakers have agreed on the following resolutions:

- Networking among the world materials research institutes should be increased for the advancement of materials research on a global scale.
  - Setup web site of “World Materials Research Institute Forum” including PowerPoint Presentation from Session I, links to all the participants and other relevant information.
  - Promotion of at least one or two cooperative projects where at least three countries/partners are participating (recommended) organized by subcommittees. The ongoing research in such projects should be presented in the regular meetings of the World Materials Research Forum. ⇒ It should be reported to world materials research institute forum.
- Understanding of the complementary roles of national institutions and universities in materials research should be improved in order to encourage effective collaborations.
- Internationally shared research facilities become more important than ever as the technologies requiring state-of-the-art instruments emerge. In addition, internationally shared research facilities are also valuable in order to promote excellence in materials research.
- International standardization of materials and materials technologies is essential for global collaborations. World materials research institute forum should give recommendations for the standardization needs and projects to the international organizations
- The international exchange of researchers should be encouraged with a view to promote interdisciplinary research and international collaborations.
- Effective policies to foster young scientists should be developed in order to sustain the development of materials research and to encourage participation in the global research network at the early stage of their career.
- **The ongoing World Materials Research Institute Summit should be held on a regular basis for further mutual recognition of materials research policies in each country and to establish improved strategies promoting global cooperation suitable for the times.**
  - **Second summit is recommended. Held in a place (preferably in Europe) in 2007.**