

## Collaborations

The most profound collaborations have been with the researchers in Tohoku University in Sendai that resulted in about 100 publications so far.

### **1. Tohoku University, Sendai, Japan**

*With Prof. A. Inoue, President, Tohoku University and Prof. M.W. Chen and T. Fujita of WPI-AIMR on bulk metallic glasses*

*With Prof. Y. Kawazoe in Institute for Materials Research, and group members H. Yasuhara, K. Esfarjani (now at MIT), Jing Zhi Yu (now at Tsinghua Univ.), Marcel Sluiter (now at TU Delft), H. Mizuseki, Masae Takahashi, Q. Sun (now at VCU, Richmond and Beijing Univ.), Q. Wang (now at VCU, Richmond), Ryoji Sahara, Rodion V. Belosludov, Amir A. Farajian (now at Wright State Univ. Dayton), A. Jain (now at IIT, Hyderabad), P. Murugan (now at CECRI, Karikudi), Tina Marie Briere (now in USA), K. Ohno and Soh Ishii (Now at Yokohama National University), A.K. Singh (now at IISc. Bangalore), H. Kawamura (now at Toray), M.S. Bahramy, Kenta Hongo, M. Itoh (now in Hokkaido Univ.), Y. Yagi (now at HICOS Hitachi Information & Control Systems, Inc.), Hidenobu Kojima, R. Note on a variety of problems such as related to clusters and nanoparticles, nanowires, nanotubes, fullerenes, surfaces, and bulk systems*

*Prof. A. Kasuya, Center for Interdisciplinary Research, and group members on CdSe nanoparticles*

*Prof. T. Sakurai, Tohoku University, and group members on nanostructures on Si surfaces*

*Prof. T. Shishido's group, Institute for Materials Research on borides and related materials*

*Prof. J. Kawamura, IMRAM, on Li battery materials*

*Prof. F. Pichierri, Graduate School of Engineering, on nanosilicon*

## **2. Bhabha Atomic Research Center, Mumbai**

Dr. G. P. Das (now at IACS, Kolkata) (Coeditor of ACCMS proceedings), Dr. C. Majumdar on nanosilicon and Sn clusters

## **3. Indian Institute of Science, Bangalore**

Prof. S. Ranganathan (Coeditor of ACCMS Proceedings)

## **4. Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore**

Prof. U. V. Waghmare (Coeditor of ACCMS Proceedings)

## **5. Research Institute for Computational Sciences (now Nanosystem Research Institute), AIST,**

## **Tsukuba, Japan**

*Prof. K. Terakura (also at JAIST), Dr. S. Ishibashi, and  
Dr. T. Ozaki (now at JAIST) on nanoribbons  
Dr. T. Hashimoto on silicon surfaces*

## **6. National Institute of Materials Science (NIMS) Tsukuba, Japan**

*Dr. R. Maezono (now at JAIST) on nanosilicon*

## **7. National Industrial Research Institute of Nagoya (NIRIN), Nagoya, Japan**

*Dr. Junichi Murakami (now at AIST, Tsukuba) and Dr.  
Yutaka Tai on Sn clusters*

## **8. Hokkaido University, Sapporo, Japan**

*Prof. K. Terakura, Director CRIS (Now at JAIST) on  
nanoribbons*

## **9. Yokohama National University, Yokohama, Japan**

*Prof. Kaoru Ohno on silicon and II-VI clusters*

## **10. CODEC Co. Ltd., Japan**

*Dr. Y.-C. Bae and H. Osanai on metal clusters such as  
those of Rh*

**11. Virginia Commonwealth University, Richmond, USA**

*Prof. P. Jena, on nanosilicon and superhalogens*

**12. Air Force Research Laboratory, Dayton, USA**

*Dr. John McGuire, on carbon nanotubes and carbon fullerenes*

**13. Fudan University, China**

*Prof. X. G. Gong on doped Al clusters and metal coated carbon fullerenes*

**14. Wright State University Dayton, USA**

*Prof. M. Amar, carbon nanotubes and carbon fullerenes*

**15. Hitachi Maxell Ltd., Japan**

*Dr. N. Ota and S. Imai, on Mo-S nanostructures and fuel cells*

**16. University of California, Davis, California, USA**

*Prof. W. E. Pickett and Dr. K.E. Andersen on permanent electric dipole moments in Nb clusters*

**17. Institute of Inorganic Chemistry, SB RAS, Novosibirsk, Russia**

*Prof. Vladimir Belosludov, Coeditor of ACCMS proceedings*

**18. The University of Newcastle, Australia**

*Prof. Marian Radny on nanosilicon*

**19. Center for the Development of Advanced Computing, Pune**

*Dr. V. Sundararaja and Sachin Nanavati, on II-VI nanoclusters*

**20. University of Pune, Pune**

*Prof. S.V. Ghaisas and S. Mahamuni, II-VI nanoclusters  
Brahma Dev Yadav (now at VKF) on nanoclusters, and P. P. Shinde (now at VKF) on graphene*

**21. National University of Singapore, Singapore**

*Prof. Y. P. Feng and coworkers, on III-V nanoclusters*

**22. Moscow State University, Moscow, Russia**

*Dr. A.I. Oreshkin on nanostructures on silicon surfaces*

**23. Bashkir State University, Ufa, Russia**

Prof. R.Z. Bakhtizin, Nanostructures on Si surfaces

**24. H.P.T. Arts and R.Y.K. Science College, Nasik, Maharashtra**

Dr. Mrinalini Deshpande and Amol Rahane on oxide nanoparticles

**25. John Hopkins University, Baltimore, USA**

Prof. K. Bowen and coworkers on nanosilicon

**26. McNeese State University, Lake Charles, USA**

Profs. A.K. Kandalam and Kiran Boggavarapu on clusters

**27. Michigan Technological University, Houghton, MI, USA**

Prof. R. Pandey on clusters

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