

## Present Status of Research Center for Molecular Thermodynamics

Michio Sorai (Director)

The new institute founded under the name of "Research Center for Molecular Thermodynamics" on 1. April 1999 as an institute associated with the Graduate School of Science, Osaka University, has started well. A new Research Associate Dr. Yasuhiro Nakazawa joined us from the Institute of Molecular Science on 16 March 2000. Prof. Zhi-cheng Tan of the Dalian Institute of Chemical Physics, Chinese Academy of Sciences, was appointed as Visiting Professor on 1 January 2000. Dr. Shipra Baluja belonging to Department of Chemistry at Saurashtra University in India was appointed as a Tenure Associate Professor on 16 August 2000. Dr. Ashis Bhattacharjee, who stayed in our institute for two years as the Post-Doctoral Fellow of JSPS (Japan Society for the Promotion of Science), went back to India on 1 October 2000 after doing a great amount of researches. The staffs and post-doctoral fellows as of November 1 are as follows:

Prof., Director	SORAI, Michio	D.Sc.
Prof.*	MATSUO, Takasuke	D.Sc.
Visiting Prof.	TAN, Zhi-cheng (from China)	D.Sc.
Assoc. Prof.	SAITO, Kazuya	D.Sc.
Assoc. Prof.*	INABA, Akira	D.Sc.
Assoc. Prof.*	BALUJA, Shipra (from India)	D.Sc.
Asst. Prof.	NAGANO, Yatsuhisa	D.Sc.
Asst. Prof.*	YAMAMURO, Osamu	D.Sc.
Res. Assoc.	MIYAZAKI, Yuji	D.Sc.
Res. Assoc.	NAKAZAWA, Yasuhiro	D.Sc.
Post Doctoral	SATO, Akane	D.Sc.
Post Doctoral	NAKAMOTO, Tadahiro	D.Sc.
Adm. Official	ABE, Takako	
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Res. Asst.	SAKISATO, Naoki	
Res. Asst.	TAKEI, Hideo	

The positions marked with \* belong to the Physical Chemistry Area of the Chemistry Course, Graduate School of Science. The list of students is as follows:

Graduate Students / Doctor Course:

SAKISATO, Naoki\*      TAKEI, Hideo\*

Graduate Students / Master Course:

IKEUCHI, Satoaki      KIKUCHI, Kyo      KITA, Tomohiko\*  
KITAMURA, Noriaki      MADOKORO, Yasushi\*      OKADA, Mizuho,  
SAKAKIBARA, Takeshi      HINHARA, Takashi      YAMASAKI, Hiroataka\*

Undergraduate Students:

FUJITA, Takashi      ITOME, Masaki      KOIKE, Yojiro\*  
MIKATA, Michi\*      NAKANISHI, Kana      SEKI, Mitsuro  
SHIMADA, Koichi \*      USUI, Yuma\*

To accomplish the Cooperative Research Project on Science and Technology between our Research Center and the H. Niewodniczanski Institute of Nuclear Physics in Krakow/Poland, Saito visited Krakow 01.06.00–01.15.00 (month.day.year). Sorai was invited to Germany 03.08.00–04.07.00 by the Alarich and Elisabeth Weiss Foundation and carried out collaborative research project on molecule-based magnets with Prof. W. Haase at Technische Universität Darmstadt. To make neutron diffraction experiments, Yamamuro visited the Rutherford-Appleton Laboratory (RAL) in England 01.23.00–02.01.00 and 08.24.00–09.01.00, and Inaba visited the Laue-Langevin Institute (ILL) in Grenoble 03.21.00–03.31.00 and 11.23.00–12.01.00. Sato participated the International Conference on Synthetic Metals (ICSM2000) held in Austria 07.15.00–07.21.00. Sorai visited Prof. P. Lahti at University of Massachusetts and Prof. C. Landee and Prof. M. Turnbull at Clark University 08.01.00–08.04.00 to complete the collaborative research works on molecule-based magnets, and then joined the IUPAC I.2 Commission Meeting on Thermodynamics held 08.05.00–08.06.00 in Halifax/Canada. Nine persons from our institute (Sorai, Matsuo, Tan, Saito, Inaba, Nagano, Yamamuro, Miyazaki, and Bhattacharjee) attended the IUPAC International Conference on Chemical Thermodynamics (ICCT-2000) held 08.06.00–08.11.00 in Halifax. The 7th International Conference on Molecule-based Magnets (ICMM-2000) was held 09.16.00–09.21.00 at San Antonio in Texas/USA. This conference was organized as a tribute to the memory of the late Prof. Olivier Kahn at Institut de Chimie de la Matière Condensée de Bordeaux, to which Sorai and Bhattacharjee participated. Sorai is to attend the Pacific Basin Chemistry Congress 12.14.00–12.19.00 in Hawaii.