

Present Status of Research Center for Thermal and Entropic Science

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A new research institute named as “Research Center for Thermal and Entropic Science (RCTES)” has started from April 1st, 2019 with ten-year project up to 2029 March. This center has succeeded the former “Research Center for Structural Thermodynamics (RCST)”. The mission of the center is to develop thermodynamic measurements and explore thermal and entropic science not only in condensed molecular systems but also in various kinds of nano-structured materials, biological systems, and non-equilibrium states etc. I would like to thank all concerned people for their kind supports and understanding to establish new research center in thermodynamics. Here we review research and educational activities in 2019 as an annual report of Chemical Thermodynamic Group in Osaka University, No. 40.

In 2019, we have invited five oversea researchers, Prof. Watson Loh from Brazil, Prof. Gregory R. Stewart from USA, Prof. Ashis Bhattacharjee from India, Prof. Li-Xian Sun from China, and Prof. Alexander Krivchikov from Ukraine. The details of their activities are reported in the related pages in this report. It is a great pleasure for us to report on workshops, symposia, and seminars held in 2019 as well as the reports of the awardees. The faculty staff members and Steering Committee as of December 1st, 2019 are as follows:

Prof.	NAKANO, Motohiro
Prof.	ICHIYANAGI, Yuko (Yokohama National University, Cross-Appointment)
Assoc. Prof.	MIYAZAKI, Yuji
Assoc. Prof.	NAGANO, Yatsuhisa
Asst. Prof.	TAKAJO, Daisuke
Res. Assoc.	FUJIMURA, Jun
Vis. Res.	NAGOE, Atsushi (Kokushikan University)
Vis. Res.	NOGUCHI, Mariko (Nihon University)
Vis. Res.	HORII, Yoji (Tohoku University)
Adm. Official	KANEKO, Ayumi
Prof.	INOUE, Tadashi (Dept. of Macromolecular Science)
Prof.	SATO, Takahiro (Dept. of Macromolecular Science)
Prof.	SHIGA, Sakiko (Dept. of Biological Sciences)
Prof., Director	NAKAZAWA, Yasuhiro (Dept. of Chemistry)
Prof.	HANASAKI, Noriaki (Dept. of Physics)
Prof.	MATSUNO, Kenji (Dept. of Biological Sciences)
Prof.	MIZUTANI, Yasuhisa (Dept. of Chemistry)

Vis. Prof.	KIMURA, Takayosi (Kindai University)
Vis. Prof.	SAITO, Kazuya (University of Tsukuba)
Assoc. Prof.	AKUTSU, Hiroki (Dept. of Chemistry)
Assoc. Prof.	TERAO, Ken (Dept. of Macromolecular Science)
Assoc. Prof.	FURUYA, Hidetaka (Dept. of Biological Sciences)
Asst. Prof.	YAMASHITA, Satoshi (Dept. of Chemistry)

The students involved are as follows:

Graduate Students / Doctor Course:

NOMOTO, Tetsuya	MATSUMURA, Yuki
YESIL, Emre	

Graduate Students / Master Course:

MORIYASU, Keisuke	FUKUCHI, Sotarou
MARUYAMA, Tokichika	TANAKA, Ryo
DONG, An	

Undergraduate Students:

ARAKAWA, Toshitaka	KAWANO, Keita
KONDO, Chusaki	SUMITA, Shunjiro
IIDA, Yuto	UNO, Yosuke

The papers presented in International/National Conferences as well as those published in 2018/2019 are listed in separate pages. Details of our research activities can also be found at URL: <http://www.chem.sci.osaka-u.ac.jp/lab/micro/index.en.html>.