

2nd International Symposium on

Negative Thermal Expansion and Related Materials

Dec. 12-15, 2017, Suzukakedai-Campus, Tokyo Institute of Technology, Yokohama, Japan

http://www.msl.titech.ac.jp/~azumalab/Azuma_Laboratory/ISNTE-II.html

Aim and Scope

Negative thermal expansion (NTE), *i.e.* volume contraction of solids upon heating, is a novel thermal property which highly associates with crystal structure, physical properties, and size effect. NTE is the multidiscipline and frontier of solid state chemistry and physics. The development of NTE materials contribute to not only fundamental knowledge but also the applications of thermal expansion control of materials. The aim of this symposium is to bring together the scientists and engineers engaged in the fields relating to NTE.

Organizers

Masaki Azuma Tokyo Institute of Technology, Japan
Koshi Takenaka Nagoya University, Japan
Paul Attfield University of Edinburgh, UK
Xianran Xing University of Science and Technology Beijing, China
mazuma@msl.titech.ac.jp, takenaka@nuap.nagoya-u.ac.jp

Venue

Szukakedai-Campus,
Tokyo Institute of Technology

Sponsors

Laboratory for Materials and Structures,
Tokyo Institute of Technology
Tokyo Tech World Research Hub Initiative
Toyota Physical and Chemical Research Institute
The Murata Science Foundation



Invited Speakers

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| J. Paul Attfield | University of Edinburgh |
| Masaki Azuma | Tokyo Institute of Technology |
| Gang Cao | University of Colorado at Boulder |
| Jun Chen | University of Science and Technology Beijing |
| Martin Dove | Queen Mary College |
| John S. O. Evans | Durham University |
| Takafumi Hatano | Nagoya University |
| Rongjin Huang | Chinese Academy of Sciences |
| Hiroko Katori | Tokyo University of Agriculture and Technology |
| Takuro Katsufuji | Waseda University |
| Cameron J. Kepert | University of Sydney |
| Daniel Khomskii | Universitaet zu Koeln |
| Zheshuai Lin | Chinese Academy of Sciences |
| Cora Lind-Kovacs | The University of Toledo |
| Takashi Mizokawa | Waseda University |
| Shigeo Mori | Osaka Prefecture University |
| Makoto Naka | Waseda University |
| Kengo Oka | Chuo University |
| Andrea Sanson | University of Padova |
| Qiang Sun | Zhengzhou University |
| Ying Sun | Beihang University |
| Koshi Takenaka | Nagoya University |
| Akihiro Takezawa | Hiroshima University |
| Peng Tong | Chinese Academy of Sciences |
| Matthew G. Tucker | Oak Ridge |
| Tetsu Watanuki | QST |
| Angus Wilkinson | Georgia Tech |
| Xianran Xing | University of Science and Technology Beijing |