

First Circular

**19th Japan-Korea-Taiwan Symposium on Strongly Correlated Electron Systems
(JKT19)**

Jan. 11-13, 2019, Tokyo, Japan

Scope

The 19th Japan-Korea-Taiwan Symposium on Strongly Correlated Electron Systems will be held at Waseda University (Nishiwaseda campus), Tokyo, Japan, from Jan. 11 to Jan. 13, 2019. This series of symposia originally started as a workshop for Korean and Japanese researchers in the field of strongly correlated materials, and they have evolved into trilateral Japan-Korea-Taiwan Symposia, reflecting the growing activities in the research of strongly correlated materials in these three countries. Particularly in 2019, the symposium will be held with a support of a JST CREST program “Development of materials with low thermal conductivity and high electrical conductivity based on the orbital/charge fluctuation of electrons” in the research area of “Scientific Innovation for Energy Harvesting Technology”.

The purpose of the symposium is to discuss recent progress on a broad range of topics in strongly correlated materials, for example,

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|---------------------|---------------------------|
| *Novel spectroscopy | *Exotic Superconductors |
| *Interfaces | *Topological phenomena |
| *Multiferroics | *Thermoelectric materials |

Presentations and participants:

Invited talks, oral and poster presentations are planned. About 100 participants will be expected.

Invited speakers (tentative):

Organizing Committee:

[*International*] Atsushi Fujimori (Co-chair, Univ. of Tokyo), Je-Geun Park (Co-chair, Seoul Natl. Univ.), Di-Jing Huang (Co-chair, NSRRC, Taiwan)

[*Local*] Takuro Katsufuji (Waseda Univ.)

Contact Information:

Takuro Katsufuji,

Department of Physics, Waseda University,

3-4-1 Okubo Shinjuku-ku, Tokyo 169-8555, JAPAN

tel & fax: +81-3-5286-1627 email: katsuf@waseda.jp