

On-Demand Seminar Introduction to Thermoelectric Conversion

- ◆ Covers key topics in thermoelectric conversion and related technologies
- ◆ For beginners of thermoelectric conversion researchers at universities and companies
- ◆ Lecturers are top leading experts in Japan and overseas
- ◆ On-demand format for any time viewing
- ◆ Participation fee is free

2021.

2.1 ▶ 3.14

Mon.

Sun.


[Register here](#) ↓

Free

<https://thermoelectrics.net/>


Registration scheduled to start in Dec.

< Topics/Lecturers >




Physics of thermoelectric materials
prof. **Ichiro TERASAKI**
/ Nagoya Univ., Japan

Thermoelectric materials utilizing magnetism




prof. **Takao MORI**
/ NIMS, Japan



Organic & hybrid thermoelectric materials
emeritus prof. **Naoki TOSHIMA**
/ Tokyo Univ. of Sci. Yamaguchi, Japan

First principles calculation analysis of thermoelectric properties



prof. **Kazuhiko KUROKI**
/ Osaka Univ., Japan

* About 1 hour/1 lecture (titles are tentative)
Lectures in Japanese with English subtitles




Spin caloritronics
prof. **Ken-ichi UCHIDA**
/ NIMS, Japan

Application of thermoelectric generation




prof. **Ryoji FUNAHASHI**
/ AIST, Japan



Phonon engineering for thermoelectric materials
prof. **Gang CHEN**
/ MIT, USA

Principles of Thermoelectric Materials Engineering



prof. **Jeffrey G. SNYDER**
/ Northwestern Univ., USA

Anyone is welcome to join us, especially if you are beginners of thermoelectric conversion or are considering entering this field !!

Organizers: Atsuko KOSUGA (OsakaPref. Univ.), Hiroyuki AKINGA (AIST), Takao MORI (NIMS)

Contact: TE-seminar@p.s.osakafu-u.ac.jp (Secretariat of Introduction to Thermoelectric Conversion)

Sponsor: JST CREST and PRESTO Research Field "Scientific Innovation for Energy Harvesting Technology"

Endorsement: Thermoelectric Society of Japan, The Japan Society of Applied Physics

