

# 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

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




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


**Thermoelectric materials utilizing magnetism**  
prof. **Takao MORI**  
/ NIMS, Japan



**Application of thermoelectric generation**  
prof. **Ryoji FUNAHASHI**  
/ AIST, Japan




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




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

**First principles calculation analysis of thermoelectric properties**  
prof. **Kazuhiko KUROKI**  
/ Osaka Univ., Japan



**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 !!**

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

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

