



## The 42<sup>nd</sup> International Conference on Thermoelectrics

May 17–21, 2026 | Houston, TX, USA

### CALL FOR ABSTRACTS

Deadline: **January 31, 2026**

#### General Abstract Submission Guidelines

All abstracts must address topics in thermoelectrics as outlined under [List of Topics](#). The abstract should concentrate on the details of the work being described. The subject matter should be technically oriented and feature new, original developments in thermoelectrics.

Abstracts must be written in the English language, must contain enough information to permit placement of the presentation into the program, and must make logical arguments based on scientific or engineering methods. The Program Committee reserves the right to reject abstracts that do not conform to these guidelines.

A **speaker must be selected** during the submission process to complete the submission.

Presentations are either oral or poster. The Program Committee reserves the right to change the type of presentation from that preferred by the author to accommodate limitations on meeting space and other constraints. Contributed oral presentations are 15 minutes, including 2–3 minutes discussion period.

Abstracts accepted for presentation are made available publicly with launching the full conference program prior to the Conference.

#### Abstract Content Requirements

**Abstract title:** Capitalize only the first word in a paper title, except for proper nouns and element symbols. Limit to 200 characters with spaces.

**Abstract body & acknowledgment:** Plain text; word count limit: 200 words. Note: In this system the word count will include references.

Charts, tables, graphics and pictures are not permitted to be inserted into the abstract; special characters may be included, however.

**List of authors:** All authors must be added to the abstract submission with full name, valid email address and affiliation. If authors are from the same affiliation, please check that affiliations are listed identically. Contact information is required for the Submitting Author and the Presenting Author/Speaker (which may be, but are not necessarily, the same person).

**Authors are responsible for the accuracy of all submitted information.**

## Abstract Quality Checklist

- Ensure the abstract contains sufficient information for the Program Committee to determine its scientific quality.
- Ensure the abstract addresses any aspect of the **list of topics** within the scope of the conference.
- Ensure your abstract is scientifically meaningful or otherwise descriptive of a substantial development; explain why it does so.

## Abstract Submission Process

**Topics:** Please select your first choice from the topic categories list below that is closest to your subject area. The scientific program committee may also regroup the sessions, depending on the number of abstracts in each category.

### A. Theory & Computation

- A1: Theoretical study of bulk materials
- A2: Nanoscale & low-dimension induced effects
- A3: Novel concepts & related physical phenomenon
- A4: Informatics, data mining, & machine learning
- A5: Modeling of heat transfer
- A6: Other theoretical considerations

### B. Thermoelectric & Related Materials

- B1: Antimonides
- B2: Chalcogenides
- B3: Heusler compounds
- B4: Oxides & silicides
- B5: Organic & hybrid materials
- B6: Magnetism-related materials
- B7: Materials processing
- B8: Other material-related topics

### C. Measurements & Characterization

- C1: Nano/microstructures
- C2: Physical properties
- C3: Other characterization techniques

### D. Thermoelectric Modules

- D1: Design & fabrication
- D2: Thin film devices
- D3: Bulk devices
- D4: Standardization
- D5: Other TE module considerations

### E. Systems & Industrial Applications

- E1: Cooling applications
- E2: Automotive applications
- E3: Generator applications
- E4: Sensor applications
- E5: Other waste heat recovery
- E6: Other industrial aspects

### F. Thermal Management

- F1: High and low thermal conductivity materials
- F2: Radiative cooling, both active and passive
- F3: Thermal interface materials & heat transfer
- F4: Other materials & mechanisms for thermal management

### G. Special Sessions

- G1: Celebration of Professor Joseph Heremans' scientific contributions
- G2: Celebration of Professor H. Julian Goldsmid's scientific contributions

## Abstract Submission System

### IMPORTANT!

After submission of the abstract, you will receive a message concerning the result of your abstract. If your abstract is accepted, please complete your conference registration as soon as possible but before **February 28, 2026**, the early registration deadline. Please note that if you do not register for early registration, your abstract will be likely rejected. Registration is also required if you need an invitation letter for your visa application.

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### Instructions for Submissions

More details on the technical use of the abstract submission system are provided within the submission process.

- Abstract Submission System: All abstracts must be submitted via the Indico Abstract Submission System by clicking the button at the end of this page. Abstracts that are not submitted online will not be accepted. To test the accessibility of your computer, we recommend that you check your network environment before the deadline.
- A unique Abstract Number is automatically assigned to your abstract at the time of submission. With the Abstract Number, the submitter will be able to locate and edit your submitted abstract until the submission is closed on January 31, 2026. You will also be requested to enter your unique Abstract Number to receive the acceptance notice. The Secretariat of the 42nd International Conference on Thermoelectrics will not disclose any Password information for security reasons. **We highly recommend that you write down your Abstract Number for future reference.**

### How to Submit

The [abstract submission site](https://indico.cern.ch/event/1578140/) [https://indico.cern.ch/event/1578140/] will first direct you to the Indico login page. You can log in using “Home Organisation – eduGAIN”, if applicable. Alternatively, you can create an Indico account by selecting “External Email – Guest Access” and clicking “Register” on the next page. After verifying your email address, you can log in with your new Indico account to submit your abstract. You may also choose to log in using a social account (Google, GitHub, Facebook, or LinkedIn). After logging in, click “submit new abstract”.



**The call for abstracts is open**

You can submit an abstract for reviewing.

**Submit new abstract**

Please read the submission instructions and follow the example.

Submit new abstract

Please don't forget to read the [submission instructions](#) before submitting an abstract.

Title \* Limit to 200 characters with spaces

Content \*

Plain text; word count limit: 200. Charts, tables, graphics and pictures are not permitted to be inserted into the abstract; special characters may be included, however.

650 words left

You can use [Markdown](#) and [LaTeX](#) math formulae.

Please add authors and assign a speaker.



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Enter the full name, email, and affiliation of co-author(s).

Contribution type \* No type selected

Comments If multiple tracks are selected, please designate the primary and secondary choice.

Tracks \*

A. Theory & Computation

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Don't forget to click "submit" →

Submit

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Click the 'Submit' button below to complete the submission.

## Completion of your abstract

- An Abstract Submission Completion page will appear, and you will be issued an Abstract Number. The abstract submitter can [access and revise the abstract](#) as often as necessary until submissions close on **January 31, 2026**. We will not disclose your unique Abstract Number if forgotten.
- **We highly recommend that you write down your unique Abstract Number for reference.**
- An e-mail confirmation will be sent to the submitter's mail address. If you submitted an abstract, but haven't received an e-mail confirmation within 48 hours, please contact the secretariat at [abstracts@ict2026houston.com](mailto:abstracts@ict2026houston.com).
- Please click on the following button to submit your abstract.
- **Note:** Submitters will receive an indico-generated letter: "Thank you for submitting the abstract. This email is to confirm that your abstract "{abstract\_title}" has been assigned the id #{abstract\_id}. You may edit your abstract until January 31, 2026."

### [ABSTRACT SUBMISSION](#)

<https://indico.cern.ch/event/1578140/>

For issues, please contact [abstracts@ict2026houston.com](mailto:abstracts@ict2026houston.com).