



ASM
INTERNATIONAL

Cleveland Chapter

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CHAPTER WEBSITE:

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SYMPOSIUM 2025 ON "HIGH TEMPERATURE MATERIALS"

TOPIC:

The ASM Cleveland Chapter is hosting its annual one-day technical symposium, focusing this year on "HIGH TEMPERATURE MATERIALS." This educational event offers members and attendees the opportunity to enhance their knowledge, stay up-to-date with the latest advancements, and connect with industry professionals and experts. Attendees will gain valuable insights into the technology driving innovations in **High Temperature Materials and applications**, and the growing role Ohio plays in powering the materials future. This symposium provides an excellent networking platform for researchers, engineers, industry leaders, and students.



LOCATION

Ohio Aerospace Institute

22800 Cedar Point Rd
Cleveland, OH 44142

DATE

Wednesday, Jan 14th, 2026

TIME

8:00AM-5:00PM

AUDIENCE

Industry Professionals,
Academia, Govt. & Public
Sectors, National Lab

SPEAKERS AND TOPICS:

- 1) High Temperature Materials (HTM) Essentials - Workshop (Instructor-led crash course ~1.5hr)
- 2) Materials for Aerospace and Energy Applications
- 3) Environmental and Thermal Barrier Coating (EBC & TBC) Technology
- 4) Design challenges in High-Temperature Material Systems
- 5) Manufacturing Challenges in High Temperature Material Systems
- 6) Refractory Metals and Alloys
- 7) Advanced Characterization Techniques for High-Temperature Materials
- 8) High-Entropy Alloys (HEAs) for Extreme Environments
- 9) Qualification and Certification of HTM

Talks should provide an overview of the topic, local involvement in the field, state-of-the art, weaknesses and deficiencies, and estimation of future trends.

EXHIBITS: In addition to talks, attendees are welcome to bring company displays and literature highlighting their contributions to this and other engineering fields. Exhibit fee is \$250

POSTER COMPETITION:



Elevate your experience and put your research and creativity in the spotlight. Don't miss out on the opportunity to join fellow students from around NEO and present your innovative ideas and cutting-edge research.

REGISTRATION: Online registration is available at the [Chapter's Events Website](#). Registration fee is \$125. Registrants will receive 6 hours of CEU time towards their PE license. Full time students with an ID may register for \$25. **Lunch and coffee breaks are provided.** **** Foreign nationals:** Must submit name, country of origin, date of birth, company, and visa, passport, or green card number 30 days before the event.

SPONSORSHIP: There are exclusive sponsorship opportunities. Get your company logo on the tables, logo with URL on event website, acknowledgments, and most importantly support for your local chapter and students. **Link:** [2025 Symposium Sponsorship - Formstack](#)

For further information, please contact us:

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REGISTRATION
Link & QR Code ↓



Please do not register more than once. If you have questions, please e-mail at ASMClevelandChapter@gmail.com