



CALPHAD 50

June 25 - 30, 2023
MIT in Boston, USA



50 INTERNATIONAL CONFERENCE ON COMPUTER COUPLING OF PHASE DIAGRAMS AND THERMOCHEMISTRY

Celebration of 50th CALPHAD conference

Celebration of the homecoming of CALPHAD conference at MIT in memory of Larry Kaufman

Timeline

First announcement	September 10, 2022
Second announcement	October 6, 2022
Third announcement	January 1, 2023
Deadline for fellowship application	February 15, 2023
Last day for abstract submission	March 31, 2023
Last day for early registration	March 31, 2023
Last day to register	May 10, 2023

(no onsite registration will be available)

Organizers

Prof. Yu (Michael) Zhong (Worcester Polytechnic Institute)
Prof. Wei Xiong (University of Pittsburgh)

Organizing Committee

Prof. Gregory B. Olson (MIT)
Prof. Raymundo Arroyave (Texas A&M University)
Prof. Scott McCormack (University of California, Davis)
Dr. Richard Otis (Jet Propulsion Laboratory)

Meeting @ Tang Center (MIT)

Lodging @ Boston Marriott Cambridge

Topics include, but are not limited to:

Ab-initio (first-principles) Predictions
Thermodynamic Modeling

CALPHAD Assessments and Database Development
Modeling of Diffusion and Phase Transformations
Software Development

Experimental Phase Equilibria, Thermodynamics and Kinetics

CALPHAD Applications in Materials Design, Production, Use, Recycling, Disposal, ...

CALPHAD Applications in industrial processes (energy production, joining and soldering, ...)

CALPHAD Applications in Chemistry, Physics, Geology, Biology, ...

According to the CALPHAD tradition, there will be single oral sessions, permanent poster presentations, software demonstrations, time for spontaneous discussions, ...and social activities.

According to CALPHAD tradition, there will be no parallel sessions and each day and will include both oral and poster presentations.

Registration Fees

	Before April 1	Before May 11
Regular Attendee (single room)	2,200 USD	2,640 USD
Regular Attendee (shared room)	1,800 USD	2,160 USD
Student (shared room)	1,500 USD	1,800 USD
Accompanying Person	300 USD	360 USD

There will be no on-site registration.

- The registration fee includes access to the conference, welcome reception on Sunday, all meals and coffee breaks from Monday breakfast through Friday lunch, excursion, and the cruise dinner.
- Accompanying person registration includes excursion and the cruise dinner.

Registration will open in January. All necessary information will be available on the conference web page.

Citizens from certain countries may need a **visa** to enter USA. The CALPHAD organizers will provide invitation letters for conference-related attendees if needed.

Cancellation Policy

Notification of cancellation in writing prior to May 20, 2023, will be entitled to a refund less 300 USD processing fee.

Student Fellowships

The details of the student fellowships will be announced on January 1, 2023.

Social Program

On Wednesday, June 28, the Conference will be interrupted for the most popular sightseeing Boston duck tour. In keeping with CALPHAD tradition, a gala dinner will be held on the Boston Odyssey Cruise ship on Thursday, June 29.

Information

Information about CALPHAD 50 can be found on the web page: <http://www.calphad.org>

Further information about the conference can be obtained by contacting:

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