



CALPHAD GLOBAL

Second Announcement

June 2021

We are pleased to send out the 2nd announcement for the first CALPHAD GLOBAL conference will take place virtually in June 2021. Unlike all the previous 1-week conference, we will have the whole of June for the CALPHAD conference this year. All information can be found on the conference web site:

<https://calphad.org/calphad-global-home>

Registration

The registration is now open. For regular attendees, please enter the registration module, and fill in the activities you plan to attend. We will get a better idea of the total attendance for each activity.

Registration fee

Free

Plenary Talks

Up to 8 plenary talks will be arranged with the following four themes:

- 50 years Calphad and 10 years materials genome
- From phases to applications
- The Role of Experiments
- The Next 50 Years

Student Poster Submission

For the students who are interested to share your research progress and enter the student poster competition, please use the student registration module, fill in all the needed information, including the title, abstract, poster in pdf format, and a 2-

min technical introduction video link. All the videos should be uploaded to <https://wetransfer.com/>. The posters with the top 10 voting will enter the best poster award competition and also poster session on June 24th.

Student Poster Topics

The following topics are of interests:

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, Advanced Manufacturing, Recycling, Disposal, ...

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

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

Important dates

March 18, 2021	First announcement
March 31, 2021	Second announcement and opening registration
April 20, 2021	Third announcement
April 30, 2021	Last day for poster abstract and video submission
May 15, 2021	Last day to register

Preliminary Agenda (all in EDT)

Tuesday June 1	Social activity + CALPHAD announcement. (8pm EDT)
Thursday June 3	Two plenary talks (8am EDT)
Thursday June 10	Two plenary talks (8pm EDT)
Thursday June 17	Two plenary talks (8am EDT)
Thursday June 24	Two plenary talk (8pm EDT) + poster session (10pm EDT)

Contact

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Organizing Committee: Yu Zhong
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More details to be available on
<https://calphad.org/calphad-global-home>