



**INTERNATIONAL CONFERENCE ON COMPUTER COUPLING OF PHASE DIAGRAMS AND THERMOCHEMISTRY  
CALPHAD XLVII CONFERENCE | MAY 27TH - JUNE 1ST. 2018 | Juriquilla Hotel, Querétaro. México.**

**Chair:** Raymundo Arróyave (Texas A&M University)

**Event Planning Chair:** Adriana García (CIDESI)

**Co-Organizers:**

- Juan Manuel Alvarado Orozco (CIDESI)
- Claudio Geraldo Schön (USP, TAMU)
- Luis Gerardo Trápaga Martínez (CIATEQ)
- Andrés Manuel Garay Tapia (CIMAV)



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**Important Information**

- Dates: May 27<sup>th</sup> – June 2<sup>nd</sup>, 2018
- Conference Venue: Hotel Misión Juriquilla, Querétaro, México
- Deadlines:
  - Early Registration: February 1<sup>st</sup>, 2018
  - Abstract Submission: February 15<sup>th</sup>, 2018
  - Final Registration: March 1<sup>st</sup>, 2018
- Announcements: October, December, January
- Scholarships Available:
  - Full: Larry Kaufman, Y. Austin Chang, STT. Deadline: February 1, 2018
  - Partial Corporate Scholarship. Deadline: January 15<sup>th</sup>, 2018

**Technical Programming Committee**

**Chair:** Claudio Geraldo Schön (USP/TAMU)

- Michael Gao (NETL) • Aurelien Perron (LLNL) • Wei Xiong (U. Pitt) • James Saal (Questek) • Dongwon Shin (ORNL) • Richard Otis (JPL) • Yu Zhong (WPI) • Shengyen Li (NIST) • Thien Duong (TAMU) • Anjana Talapatra (TAMU)

**Contact Information**

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CALPHAD 2018



### About CALPHAD

The International CALPHAD Conference was first held in 1973. Since then, it provides to scientists and students with an interest in thermodynamics of materials an opportunity to meet, present and discuss their work in a friendly atmosphere.

#### Topics include, but are not limited to:

- Ab-initio (first-principles) Predictions • CALPHAD Modeling 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 our tradition, there will be single oral sessions, permanent poster presentations, software demonstrations, time for spontaneous discussions and social activities.

### Conference Site Hotel Misión Juriquilla, Querétaro, Querétaro, México

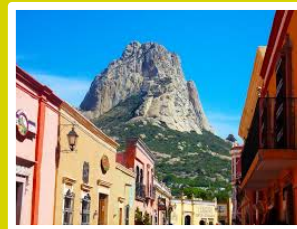


**Hotel Misión Juriquilla Querétaro**, located to the north of Querétaro, offers first class accommodation in a renovated seventeenth century hacienda, surrounded by gardens and buildings that evoke the colonial Mexico.



### Social Program

#### Conference Excursion: Peña de Bernal



Peña de Bernal is one of the tallest geological monolith in the world. The nearby town is one of the most picturesque in the region. In the excursion, we will witness up close an amazing natural wonder and experience some of the rich culture that Mexico has to offer.

#### Accompanying Person's Program:



- Monday: Cadereyta
- Tuesday: Querétaro
- Thursday: San Miguel de Allende

### Technical Program

Monday 01	Tuesday 02	Wednesday 03	Thursday 04	Friday 05	Saturday 06	Registration
7:00 AM	Registration	Registration	Registration	Registration	Registration	Registration
8:00 AM	Registration	Registration	Registration	Registration	Registration	Registration
9:00 AM	Registration	Registration	Registration	Registration	Registration	Registration
10:00 AM	Registration	Registration	Registration	Registration	Registration	Registration
11:00 AM	Registration	Registration	Registration	Registration	Registration	Registration
12:00 PM	Registration	Registration	Registration	Registration	Registration	Registration
1:00 PM	Registration	Registration	Registration	Registration	Registration	Registration
2:00 PM	Registration	Registration	Registration	Registration	Registration	Registration
3:00 PM	Registration	Registration	Registration	Registration	Registration	Registration
4:00 PM	Registration	Registration	Registration	Registration	Registration	Registration
5:00 PM	Registration	Registration	Registration	Registration	Registration	Registration
6:00 PM	Registration	Registration	Registration	Registration	Registration	Registration
7:00 PM	Registration	Registration	Registration	Registration	Registration	Registration
8:00 PM	Registration	Registration	Registration	Registration	Registration	Registration
9:00 PM	Registration	Registration	Registration	Registration	Registration	Registration
10:00 PM	Registration	Registration	Registration	Registration	Registration	Registration
11:00 PM	Registration	Registration	Registration	Registration	Registration	Registration
12:00 AM	Registration	Registration	Registration	Registration	Registration	Registration

- Single Session • 5 Keynote Talks • Oral and Poster Sessions
- [programming@calphad2018.fastmail.com](mailto:programming@calphad2018.fastmail.com)

### Scholarships

There are several sources of support for students, including:

- **Larry Kaufman and Y. Austin Chang-PANDAT Full Student Scholarships**
- **Foundation for Applied Thermodynamics (STT)**

Additionally, thanks to the support of CALPHAD XLVII **corporate sponsors**, partial scholarships of **\$150 towards the registration fee** will be available to students and junior researchers. [scholarship@calphad2018.fastmail.com](mailto:scholarship@calphad2018.fastmail.com)

### Optional Tour

#### Teotihuacán Pyramids

On Saturday, June 2<sup>nd</sup>, the CALPHAD XLVII Organizing Committee has put together a one-of-a-kind tour to the Teotihuacán Pyramids, one of the most impressive pyramid complex in the World.

[teotihuacan@calphad2018.fastmail.com](mailto:teotihuacan@calphad2018.fastmail.com)



### Short Courses

In addition to the traditional Sunday-Friday conference program, there will be several half-day pre-conference workshops on Sunday May 27th, 2018. Confirmed courses include:

- Hands-on PANDAT Session
- Hands-on Thermo-Calc
- PyCALPHAD + ESPEI

[workshops@calphad2018.fastmail.com](mailto:workshops@calphad2018.fastmail.com)

### FactSage Best Student Poster Awards

Thanks to the generous sponsorship of FactSage, there will be monetary awards for the Best Student Poster(s) of the entire Conference. Please ensure that your poster submission is marked as 'student' in order to be eligible to participate!

### More Information at:

<http://cidesi.com/calphad/index.html>

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