

Computational Thermodynamics and Kinetics Seminar

Welcome to the Thermo-Calc Software User Group Meeting hosted at ICMPE-CNRS in Thiais, France by Jean-Marc Joubert.

PROGRAM:

Thursday November 5, 2026

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|---------------|---|
| 9:00 – 12:00 | Thermo-Calc Hands-on training / workshop on Additive Manufacturing Module and Calculating materials properties for additive. |
| 12:00 – 12:30 | <i>Registration</i> |
| 12:30 – 13:30 | <i>Lunch</i> |
| 13:30 – 14:00 | News from Thermo-Calc, Overview of recent developments, Outlook to the future
<i>Thermo-Calc Software AB</i> |
| 14.00 – 14.30 | Adapting High-Temperature Steels for Additive Manufacturing
Dr. Manuel Sánchez Poncela - R&D Senior Researcher, ArcelorMittal Global R&D, Spain |
| 14:30 – 15:00 | Crack Susceptibility Coefficient-Based Optimization of Alloy Composition for Hot-Tear Mitigation
Dr. Daniel Irmer - CETIM, Mulhouse, France |
| 15:00 – 15:30 | A Combined CALPHAD and data mining approach for the design of Cu–Al-based high-temperature shape memory alloys
Prof. Dr. Léo Thiercelin - ENSAM Metz, France |
| 15:30 – 16:00 | <i>Coffee break</i> |
| 16:00 – 16:30 | Workflows for Homogenization Treatment and Precipitate Nucleation and Growth
Dr. Savvia Sachi, Thermo-Calc Solutions, Sweden |
| 16:30 – 17:00 | High-throughput calculation of eutectic and congruent compositions for latent heat energy storage
Karoline Borowski, Jean-Marc Joubert, ICMPE-CNRS, Thiais, France. |
| 17:00 – 17:20 | Identifying Eutectics and Optimal Compositions using Algorithms and Machine Learning, coupled with Thermo-Calc
Dr. Katarina Firdova, Dr. Guillaume Deffrennes, SIMAP, Grenoble, France. |
| 19:00 – late | <i>Social gathering and dinner</i> |

Friday November 6, 2026

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|---------------|---|
| 09:00 – 09:30 | Calphateria
Dr. Nathalie Dupin, Calcul Thermodynamique, Orcet, France |
| 09:30 – 10:00 | |
| 10:00 – 10:30 | |
| 10:30 – 11:00 | <i>Coffee break</i> |

11:00 – 11:30

11:30 – 12:00

12:00 – 12:30

13:00 – 14:00 *Lunch*

14:00 – 15:30 Lab Tour

Thermo-Software

LOCATION: ICMPE-CNRS Lab, 2 Rue Henri Dunant, 94320 Thiais, France



DINNER: Pizza Party in *La Pratola* on Thursday evening, 5 min walk from ICMPE ICMPE



REGISTRATION

Computational Thermodynamics and Kinetics Seminar

Welcome to the Thermo-Calc Software User Group Meeting 2026 at ICMPE-CNRS, Paris, France

I will take part

- ☐ Th 5.11.2026 Thermodynamics and Kinetics Seminar Day 1 ONLY – 100 EUR
- ☐ Fr 6.11.2026 Thermodynamics and Kinetics Seminar Day 2 ONLY – 100 EUR
- ☐ Both days including Conference Dinner on Thursday evening – 250 EUR
(Invoices will be sent upon registration.)
- ☐ I am a PhD student: Registration fee sponsored by Thermo-Calc Software AB

Personal data

Name

Telephone

E-mail

Affiliation

Address

REGISTRATION:

Registration deadline **October 1, 2026**. Please send the scanned registration form for this seminar via e-mail to nicholas@thermocalc.com

Please indicate any special requirements for food, such as allergies, vegetarian, non-dairy...