

TRAINING CERTIFICATE

I, the undersigned Olivier DELAHAYE, Director of the **TOULOUSE INP FORMATION CONTINUE**, training service of the Toulouse INP Institute, 6 Allée Emile Monso 31029 TOULOUSE, registered under the activity number 7331P000631 hereby certify that:

Monsieur VAZQUEZ TOVAR Guillermo

Has attended the

SATA-2022 SUMMER SCHOOL

Held in **Toulouse from the 27/06/2022 to the 01/07/2022**. The attendee was present for the entire duration of the school, equivalent to 26 hours of training.

Nature of the training (article L 6313-1 of the French Labor Code): 1° Actions de formation

Objectives:

- Knowledge of the CALPHAD method
- Understanding of the experimental and ab initio methods to acquire thermodynamic data
- Performing thermodynamic calculations using the Thermo-Calc software
- Performing a thermodynamic assessment using the CALPHAD method
- Acquiring insight on CALPHAD thermodynamic databases and their applications

<u>Evaluation of the acquired knowledge</u>: ACQUIRED Positive score of the multiple-choice test = 17/20

This certificate is provided for all legal purposes.

Toulouse, July the 5, 2022

The President of Toulouse INP Institute pp Director Olivier DELAHAYE

Signé par : Olivier DELAHAYE
Date A : 06/07/2022
Qualité A : Directeur de la Formatio Contilu

TOULOUSE INP
FORMATION CONTINUE
6. Allée Emile Monso

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