

MICRESS® Training Course

One day training course for MICRESS® software will be hold on 6th July, 2020 in China. The course will be given through the online classroom (e.g. ClassIn software) , and each participant works the exercises at their own computer following the lead of teacher. The course is taught in Chinese by CISRI (China Iron & Steel Research Institute Group) in Beijing, who are the local representative of MICRESS in China.

This one day training course will introduce the basic theory and knowledge about Phase Field Method and MICRESS® software. Through the examples, participants can learn how to run the MICRESS® to simulate the grain growth, dendrite formation during the solidification process, and also the diffusion controlled phase transformation, furthermore can learn how to build own model through MICRESS® .

Course Schedule (6th July, 2020)

Morning:

9:00-10:00 Introduction to Phase Field Method

10:00-11:00 Introduction to MICRESS

11:00-12:00 Example 1: Grain growth

Afternoon:

14:00-15:30 Example 2: Solidification process of AlCu Alloy

15:30-17:30 Example 3: Gamma-Alpha transformation

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