PANDAT™

SOFTWARE

Training Course: April 4-5, 2017

J.P. Morgan Conference Room

8401 Greenway Blvd, Middleton, WI 53562

This two-day training course will teach the two major modules of Pandat software: PanPhaseDiagram and PanPrecipitation. A brief introduction on the PanOptimizer module and PanEngine API will also be presented. No previous knowledge of Pandat software or computational thermodynamics is necessary.

In this course, you will learn how to calculate and plot stable and meta-stable phase diagrams and property diagrams of multicomponent alloys. For the PanPhaseDiagram module, you will learn how to obtain the information you need through point calculation, line calculation, section calculation, and solidification simulation. You will also learn the advance features, such as contour diagrams, 3D phase projection diagrams, 3D colormap diagrams, and high-throughput calculation (HTC). For the PanPrecipitation module, you will learn to set-up the calculation through GUI and batch calculation. You will learn to calculate the hardness of aluminum alloys and precipitation of γ' of nickel-base superalloys. The course is taught in English.

The training course is hands-on with each participant working at his/her own computer. Please bring your own laptop. Training materials, lunches and refreshments will be provided. The training is free. You need to take care of your travel and lodge.

Please fill the attached registration form and return to info@computherm.com. Please contact Mingzhen Yang (mingzhen.yang@computherm.com) for any questions.

Agenda

Day 1: PanPhaseDiagram Module (April 4, 2017)

9:00-10:00am: Welcome and Introduction to Pandat™ Software

10:00-10:15am: Break

10:15-11:45am: Step-by-Step on the basics PanPhaseDiagram Module

11:45am-12:45pm: Lunch

12:45-2:30pm: Advanced feature of PanPhaseDiagram Module

2:30-2:45pm: Break

2:45-4:45pm: Hands-on practice on PanPhaseDiagram Module

Day 2: PanPrecipitation Module (April 5, 2017)

9:00-9:30am: Introduction to PanPrecipitation Module

9:30-10:30am: Step-by-Step on the basics PanPrecipitation Module

10:30-10:45am: Break

10:45-11:45am: Advance features of PanPrecipitation Module

11:45am-12:45pm: Lunch

12:45-3:00pm: Hands-on practice on PanPrecipitation Module

3:00-4:45pm: Questions and Discussions