



## **FLOW-3D Cast 4 Training**

The **FLOW-3D Cast** v4 training class is mostly a hands-on class. Attendees will be asked to send us a simple sample simulation along with all pertaining properties including material properties and process parameters.

One simulation will be chosen to set up in class.

### Day 1

|          |          |                                      |
|----------|----------|--------------------------------------|
| 8:30 am  | 10:00 am | Graphical User Interface             |
| 10:15 am | 10:30 am | Break                                |
| 10:30 am | 12:00 pm | Set Up Simulation                    |
| 12:00 pm | 1:00 pm  | Lunch Break provided by Flow Science |
| 1:00 pm  | 2:30 pm  | Set Up Simulation                    |
| 2:30 pm  | 2:45 pm  | Break                                |
| 2:45 pm  | 5:00 pm  | Set Up Simulation                    |

### Day 2

|          |          |  |
|----------|----------|--|
| 8:30 am  | 10:00 am | Set Up Simulation  |
| 10:15 am | 10:30 am | Break  |
| 10:30 am | 12:00 pm | Set Up Simulation  |
| 12:00 pm | 1:00 pm  | Lunch Break provided by Flow Science                                       |
| 1:00 pm  | 2:30 pm  | Introduction to <b>FLOW-3D Cast</b> , Navigator, Time Controls, and Models |
| 2:30 pm  | 2:45 pm  | Break  |
| 2:45 pm  | 5:00 pm  | Models and Numerics  |

### Day 3

|          |          |  |
|----------|----------|--|
| 8:30 am  | 10:00 am | Meshing, Boundary Conditions, Metal Inputs, Metal Properties, and Heat Transfer Coefficients |
| 10:15 am | 10:30 am | Break  |
| 10:30 am | 12:00 pm | Output and Post-Processing   |