Advanced Training:
FLOW-3D® for Casting Applications
29. May 2008

08:30	Introduction
09:00	General Tips and Tricks (CAD data, die cycling, filling, solidification, output variables, storage of results)
09:30	Grid Generation, CAD Data for Geometry Representation (import and preparation of CAD data, multiblock gridding, grid refinement, cooling channels, vents)
10:00	Coffee
10:15	Initial and Boundary Conditions
10:45	Physical Models 1 (overview on the models in *FLOW-3D*®)
11:15	Physical Models 2 (application of basic models)
12:15	Lunch
13:15	Physical Models 3 (specific models for the prediction of casting defects)
14:15	Numerical Options
14:45	Application of the General Moving Object Model (definition of the movement of a pouring ladle, moving piston in a shot sleeve)
15:15	Reduction of Run Times
15:45	Coffee
16:00	prepin vs. GUI: Increasing the Modelling Efficiency
16:15	Customizing *FLOW-3D*®
16:30	Discussion