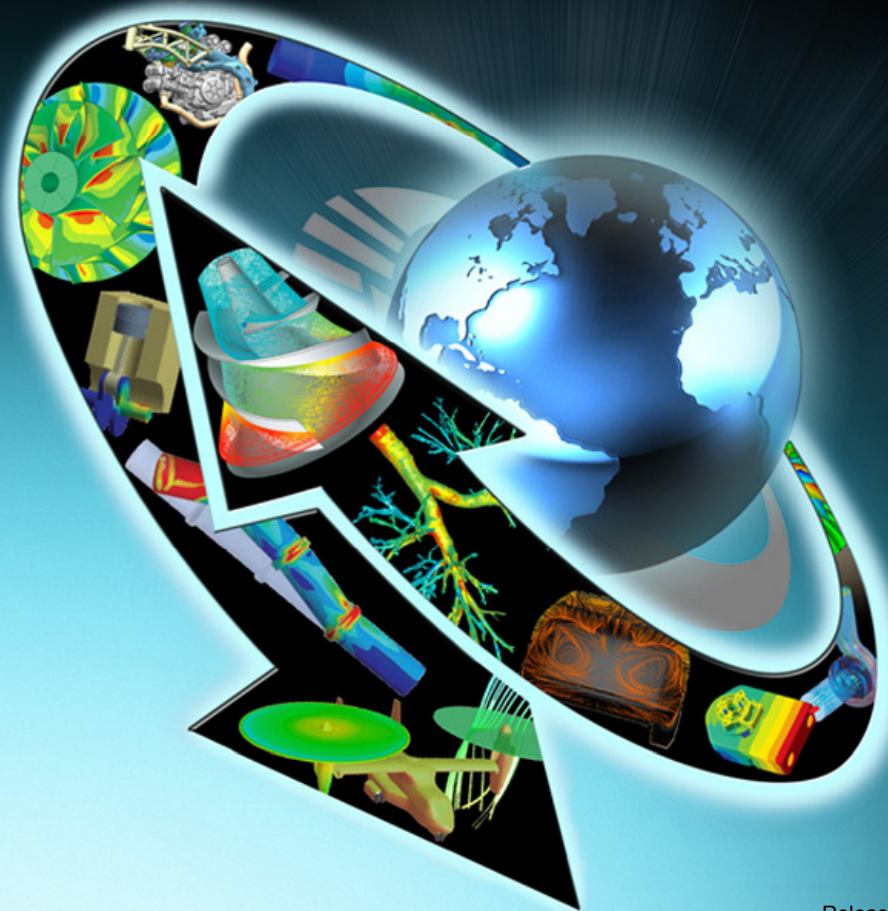




Customer Training Material

Agenda

Introduction to ANSYS FLUENT



Agenda (Day 1)



Customer Training Material

- 8:30 – 9:00 Lecture 1: Introduction and Welcome
- 9:00 – 9:45 Lecture 2: Introduction to CFD Methodology / Demo
- 9:45 – 10:30 Workshop 1 (Mixing Tee)
- 10:30 – 10:45 Break
- 10:45 – 11:15 Lecture 3: Basic Overview of Using FLUENT Interface
- 11:15 – 12:00 Workshop 2 (Airfoil)
- 12:00 – 1:00 Lunch
- 1:00 – 1:45 Lecture 4: Cell Zones and Boundary Conditions
- 1:45 – 2:45 Workshop 3 (Multi-Species Flow)
- 2:45 – 3:00 Break
- 3:00 – 4:00 Lecture 5: Solver Settings
- 4:00 – 5:00 Workshop 4 (Electronics Cooling)

8:30 – 9:30	Lecture 6: Turbulence Modeling
9:30 - 10:15	Workshop 5 (MRF and Sliding Meshes)
10:15 – 10:30	Break
10:30 – 11:15	Lecture 7: Heat Transfer
11:15 – 12:00	Workshop 6 (Discrete Phase Model)
12:00 – 1:00	Lunch
1:00 – 1:45	Lecture 8: User Defined Functions (UDFs)
1:45 – 2:30	Workshop 7 (Tank Flush)
2:30 – 3:30	Lecture 9: Advanced Physics / Workshop
3:30 – 3:45	Break
3:45 – 4:15	Lecture 10: Transient Flow Modeling
4:15 – 5:00	Lecture 11: Postprocessing / Workshop