



GRUPO

TRAINING

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ANSYS FLUENT Advanced Combustion

Length: 2 Days

Prerequisites

- Completion of the Introduction to ANSYS FLUENT course is required.
- Experience with ANSYS FLUENT is strongly recommended.

Course Description

This advanced training course on Advanced Combustion Modeling using ANSYS FLUENT is designed for existing users of ANSYS FLUENT and will cover the following topics:

1. Introduction to Reacting Flow Modeling
2. Species Transport Models
3. Non-premixed Combustion Models
4. Premixed Combustion Models
5. Discrete Phase Modeling
6. Surface Chemistry and Pollutants Modeling
7. Combustion Modeling Tips & Tricks
8. Appendix A – Radiation Modeling

Tube-wall temperature and shell-interior streamlines

The advanced combustion modeling course also has several tutorials that the students can work through during class.

ANSYS®

REV. – CAP01/11

IMAGE-Courtesy of Colorado School of Mines