



BARRACUDA[®]

New User Training Class

July 26-30, 2010

Monday, July 26, 2010 (8:30 AM – 5:00 PM)

- Introduction to particle flow modeling
- Introduction to *Barracuda* grid generation
- Introduction to the *Barracuda* Graphical User Interface (GUI)
- Introduction to *Barracuda* post-processing

Tuesday, July 27, 2010 (8:30 AM – 4:30 PM)

- Fluidized bed training problem set-up
- Fluidized bed training problem analysis
- Additional training problem setup (choice of chlorinator, cyclone, etc.)

Wednesday, July 28, 2010 (8:30 AM – 4:30 PM)

- Training problem analysis (chlorinator, cyclone, etc.)
- Complex problem setup (turbulent reactor with internals)
- Complex problem analysis seminar

Thursday, July 29, 2010 (8:30 AM – 4:30 PM)

- Introduction to chemical reaction modeling in *Barracuda*
- Steam gasification problem set-up and analysis
- Coal gasification problem set-up and analysis

Friday, July 30, 2010 (8:30 AM – 12:30 PM)

- Advanced post-processing
- Best-practice and misc. advice
- Customer-specific project training



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CPFD Software, LLC
10899 Montgomery Blvd NE, Suite B
Albuquerque, NM 87111
info@cpfd-software.com
+1.505-275-3849