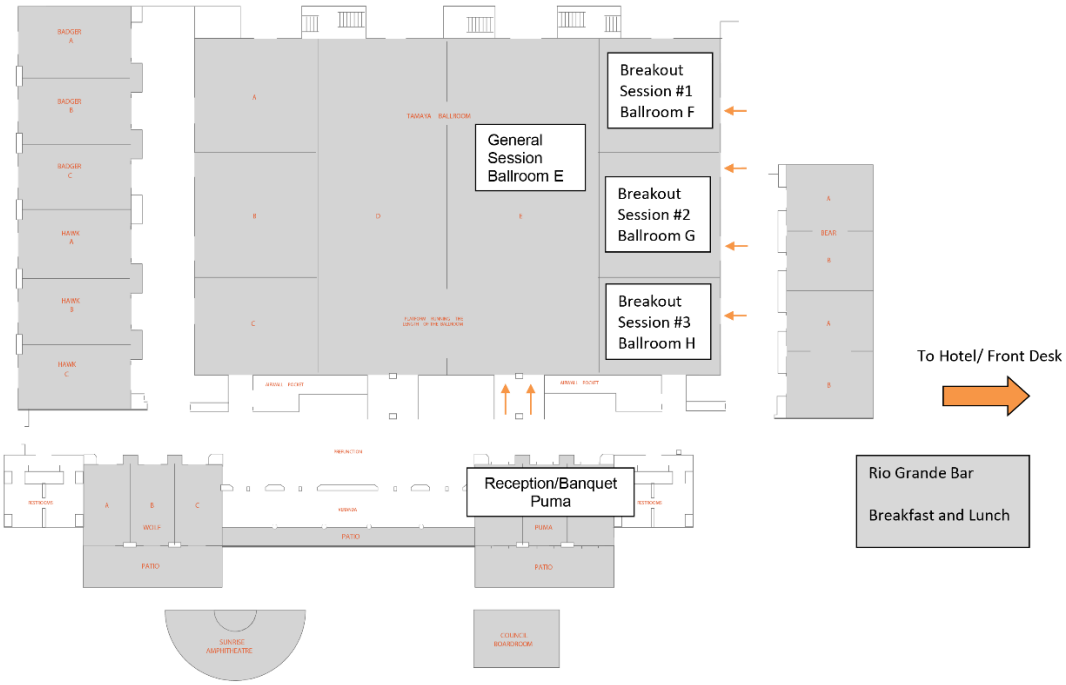
WEDNESDAY, SEPTEMBER 30

All events for this conference are located in Ballroom E unless noted below.

1:00 – 5:00	**Registration**
3:00 – 3:10	Welcome and opening remarks
3:10 - 3:25	**Vision and Roadmap:** **Part 1 - Vision for the Conference**, Peter Blaser, CPFD Software
3:25 - 3:55	**Application of Barracuda® in the Gas Phase Polymerization Process** Mayank Kashyap, SABIC Technology and Innovation
3:55 - 4:25	**Calciner CFD Modelling – an Equipment Designer's Perspective** Damien Grévain and Sam Zakrzewski, FLSmidth
4:25 - 4:55	**Barracuda for Fluidized Bed Hydrodynamics** Madhu Kodam, The Dow Chemical Company
4:55 – 5:00	Logistics for the week
5:00 – 7:00	**Welcome Reception (Puma Room)**



THURSDAY, OCTOBER 1

7:30 – 8:30	**Breakfast (Rio Grande Lounge)**
8:30 - 9:20	**The MultiPhase Particle-in-Cell Method (MP-PIC): History and Recent Developments**, Peter O'Rourke, CFD d'OR Software
9:20 - 9:50	**Modeling of Fluidized Bed Gasification Reactors with CPFD Barracuda VR®: Experiences and Challenges**, Avinash Sirdeshpande, GreatPoint Energy
9:50 - 10:20	**CPFD Reactor Model Validation - What a Journey** Jeff Logsdon, INEOS Nitriles
10:20 – 10:40	Break
10:40 - 11:05	**Improving Drag Correlations for Modeling of Real Particle Fluidization** James Parker, CPFD Software
11:05 - 11:35	**KiOR Update: Incorporating Barracuda in our CFP Development Process** Bruce Adkins, KiOR
11:35 - 12:00	**Vision and Roadmap:** **Part 2 - Vision for the Technology and Product**, Tony Jones, CPFD Software
12:00 – 1:00	**Lunch (Rio Grande Lounge)**
1:00 – 5:00	**Thursday afternoon rotating workshops in 3 concurrent session**
	Please reference the back of your badge to see your personal rotation schedule. Advanced Best Practices **Ballroom F** James Parker New Feature Training **Ballroom G** John Pendergrass Advanced Post-Processing **Ballroom H** Sam Clark *Workshop times are **1:00 - 2:10, 2:25 - 3:35** and **3:50 - 5:00** with breaks in between.*
6:30 – 9:00	**Banquet Dinner (Puma Room)**

FRIDAY, OCTOBER 2

8:00 – 9:00	**Breakfast (Rio Grande Lounge)**
9:00 - 9:30	**What Type of Data is Needed for the Validation of CFD Models for Fluidization Applications**, Ray Cocco, PSRI
9:30 - 10:00	**Advanced Reacting Multiphase Chemistry in Barracuda using C3M from NETL,** Dirk VanEssendelft, National Energy Technologies Laboratory
10:00 - 10:15	**Post-Processing Barracuda VR Results: Part 1 - Sample FCC Regenerator Emissions Case Study**, Ray Fletcher, CPFD Software
10:15 - 10:45	**Post-Processing Barracuda VR Results: Part 2 - Gaining Insight into Your Results Using EnSight for Barracuda**, Kevin Colburn, CEI
10:45 - 11:00	Break
11:00 - 12:00	**Vision and Roadmap: Part 3 - Shared Vision through Open Forum Discussion**
12:00	**Conference wrap-up**

Barracuda, Barracuda VR, Barracuda Virtual Reactor and CPFD are registered trademarks of CPFD Software, LLC.