

PADS 2010 Program  
As of 9/15/10

Monday, October 11

- 8:00 a.m. Q&A Keynote
- 9:15 a.m. PADS Keynote “**Sustainability and Efficiency through Advanced Real-Time Business Integration**”  
(Pat Kennedy, OSIsoft)
- 10:00 a.m. Coffee Break
- 10:15 a.m. Best Practices in Asset Reliability and Portfolio Session  
President: Craig Harclerode – OSIsoft
- 10:15 **Pertamina’s Real Time Integrated Downstream Supply Chain Dashboard**  
(Toto Nugroho, Pertamina & Craig Harclerode, OSIsoft)
- 10:45 **Proactive Dashboards: The Power to Generate Knowledge**  
(Rayan Hafiz, Saudi Aramco- presented by Craig Harclerode)
- 11:15 **Consolidated Fuel Terminal Management Across the Enterprise**  
(Scott Fleck, Telvent DTN)
- 12 noon Lunch
- 2:00 p.m. Improving Human Capital  
President: Stephen Russell, Valero Energy
- 2:00 **Automating Grade Changes for Optimal Performance**  
(Julie Doucet, TPC Group)
- 2:30 **Enabling Plant Personnel to Facilitate Safety and Environmental Compliance**  
(Jim Conner, Celanese)
- 3:00 **Evolutionary Energy Management and Process Optimization: Providing Real-Time Situational Awareness**  
(Francis Laurysens, SunChemicals)
- 3:30 Break
- 4:00 **Statistical Tools Applied to Solve Today’s Refinery Problems**  
(Jose Bird, Valero Energy & Jack Davis, Resources2Energy)
- 4:30 **Production Optimization of Energy Use in Distillation: A Case Study**  
(Doug White, Emerson Process Management)
- 5:00 Q&A for Session Speakers

Tuesday, October 12

- 8:00 a.m. Lifetime Service Awards
- 9:15 a.m. **Emerging Technologies: Taking Advantage of Leading Edge Solutions to Automate Workflow and Speed Time to Insight**  
(Randy Hoppe, Microsoft)
- 10:00 a.m. Coffee Break
- 10:15 a.m. Fundamentals – The Building Blocks (Part I)  
President: Raj Jakhete - Sunoco
- 10:15 **Challenges in Sustaining Advanced Process Controls Value**  
(Nicholas Hernjak & Adi Punuru, – ExxonMobil)
- 10:45 **Effective Deployment of Control Performance Monitoring in Refineries**  
(Ali Al-Matouq & Ahmed Al-Enaizi, Saudi Aramco)
- 11:15 **Gasoline Blend Property Control and Optimization**  
(Clint Dolby & Robert Hawkins, LyondellBasell Industries)

12 noon Lunch  
2:00 p.m. Fundamentals – The Building Blocks (Part II)  
President: Adi Punuru - ExxonMobil  
2:00 **Implement Cost-Effective Process Simulators for Operator Training**  
(Srinivasan Vanchinathan & Raj Jakhete, Sunoco)  
2:30 **Valero Memphis Reforming Unit Optimization**  
(Luke Dickerson, Valero Energy)  
3:00 **A Standardized Approach to Boiler Burner Management Systems**  
(Stephen Russell, Valero Energy Corporation)  
3:30 Break  
4:00 **A Novel Approach to Plant Performance Improvement through Quantitative Benchmarking (QBM)**  
(Lanyon Carr, Process Frontier)  
4:30 **What is a Safety Instrumented System?**  
(Greg Rogers, Enterprise Products)  
5:00 Q&A for Session Speakers

Wednesday, October 13

8:30 a.m. Emerging Technologies Session (Part I)  
President: Marge Venczel, Matrikon  
8:30 **Managing Environmental Emissions in the Hydrocarbon Industries**  
(David Ruger, Honeywell Process Solutions)  
9:00 **Distillation Column Flooding Predictor**  
(George Dzyacky, 2ndpoint, LLC)  
9:30 a.m. Coffee Break  
9:45 a.m. Emerging Technologies Session (Part II)  
President: Dennis Cima, Chevron  
9:45 **Application of Semantic Data Management for Process and Asset Integrity Excellence**  
(Andrew Nelson, Matrikon)  
10:15 **Procedural Automation: Improving Consistency and Production**  
(Tom Williams, Honeywell Process Solutions)  
10:45 Closing Comments