



## AGENDA

### DAY ONE: June 23

TIME	Presentation Topics	Presenters	Position Titles	Companies
8:00 AM	Registration/Continental Breakfast/Partner Exhibition			
9:00 AM	Welcome	Dennis Nagy	VP, Business Development and Director, Energy Sector	CD-adapco
9:05 AM	<del>Keynote</del> The Convergence of Energy and Information Technologies	Donald Paul	Chief Technology Officer (retired)	Chevron
9:50 AM	Introduction to CD-adapco in the Energy Industries	Dennis Nagy	VP, Business Development and Director, Energy Sector	CD-adapco
10:00 AM	Computational Flow Assurance for Design and Development of Subsea Pipelines	Prof. Simon Lo	Director, Chemical and Process	CD-adapco
10:30 AM	Break, Demos, and Partner Exhibition			
11:00 AM - 12:30 PM	SESSION I: Benefits of Simulation for Downhole Engineering in Oil & Gas			
11:00 AM	Olga/DrillBench Transient Simulation	Dewayne Anderson	Principal Consultant, Flow Services	SPT Group
11:30 AM	Simulation Benefits for Drilling & Downhole Engineering	Mike Wells	Director, R&D	Hughes-Christensen
12:00 Noon	CFD modeling used in the design of down hole tools and operations for oil and gas wells	Kristian Brekke	Director, WII Inflow Control Technologies	Ziebel
12:30 PM	Lunch, Demos, and Partner Exhibition			
2:00 - 3:30 PM	SESSION II: Subsea Piping and Flow Assurance Applications			
2:00 PM	Probabilistic consequence modeling for the Oil & Gas industry	Ian Cowan	Senior Consultant	WS Atkins
2:30 PM	Multi-Fidelity Computational Flow Assurance: Linking SPT/Olga and STAR	D. Anderson, Simon Lo	Principal Consultant, Director of Chemical & Process	SPT, CD-adapco
3:00 PM	Accurate System Response Simulation of a Subsea Delivery System	Harj Vijay	Senior Application Engineer	LMS
3:30 PM	Break, Demos, and Partner Exhibition			

4:00 - 5:30 PM Parallel Session III-A: Offshore and Marine Applications				Parallel Session III-B: Nuclear and Renewable Energy				
4:00 PM	Validation in Model and Full Scale for Maritime Engineering Simulations	Karsten Fach	Vice President – Engineering Services	Germanischer Lloyd	Simulation in the Nuclear Power Renaissance	Eric Volpenhein	Sales Director	CD-adapco
4:30 PM	Modeling Wind Shielding for FPSO Tandem Offloading using CFD	Robert Gordon	Chief Technical Advisor – Marine	KBR/Granhearne	CFD analysis of a Savonius-type vertical axis wind turbine (VAWT)	Tricia Waniewski Sur	Director, Business Development	ATA Engineering
5:00 PM	Applications of CFD to LNG safety analyses	Filippo Gavelli	Senior Manager, Thermal Sciences Practice	Exponent, Inc.	Wind Farm Siting Simulation	Dennis Nagy Mike Dombroski	VP Support Eng.	CD-adapco

5:30 - 7:00 PM Cocktail Reception in the Partner Exhibition Area

### DAY TWO: June 24

TIME	Presentation Topics	Presenters	Position Titles	Companies	Presentation Topics	Presenters	Position Titles	Companies
7:45 AM	Continental Breakfast/Partner Exhibition							
8:15 - 9:45 AM	Parallel Session IV-A: Plant Processes/Equipment Design and Improvement				Parallel Session IV-B: Hardware and Software Advances by CD-adapco Partners			
8:15 AM	Petrochemical Plant/Equipment Improvement with Simulation	Mike Henneke	Manager, Tulsa Office	CD-adapco	SIMULIA Solutions for the Energy Industry	Rob Miller	Business Development Manager	Dassault-Simulia
8:45 AM	Examining the Cost Return Ratio for CFD in the Gas, Oil and Chemical Industries	Mike Porter	President	Porter-McGuffie	Roundtable Discussion: Hardware and System Software Trends Driving Simulation for Energy Engineering	Steve Feldman, Moderator	Director, IT and Graphics Development	CD-adapco
9:15 AM	Optimization of GTE Gas Turbine Water Wash and Power Augmentation Products	John Bataggloli	President, Combustion and Fuel Systems	Gas Turbine Efficiency LLC		+ representatives of co-sponsor hardware/system software companies	Mark Ades Chris Tierman Jose Garcia Tong Liu	Microsoft Cray Panasonic Mellanox
9:45 AM	Break, Demos, and Partner Exhibition							
10:00 AM - 12:30 PM	Session V							
10:00 AM	Optimization of a Dual-Fuel Low-Nox Combustion System for a Transiently-Fired Utility Boiler Operating at a High Elevation	Francois McKenty	Senior CFD Engineer	BMA				
10:30 AM	Advances in Stress Simulation and Fluid-Structure Interaction (FSI) for Energy Engineering	Alan Mueller	Chief Technology Officer	CD-adapco				
11:00 AM	Application of 3D Numerical Methods to Specific Design and Problem Solving Questions	Tom Marinaccio	Senior Vice President and Director, Worldwide Engineering Services	CD-adapco				
11:30 AM	<b>Wrap-up Industry Media Presentations</b> The State of the Industry, Trends and Opportunities	Mark Peters	Vice President and Publisher of <b>Hydrocarbon Processing</b>	Gulf Publishing				
12:00 Noon	Roundtable: The Importance of Innovation in the Changing Energy Landscape	Media and Industry Experts						
12:30 PM	End of Conference Presentations							
12:30 PM	Lunch							
Hands-on Workshops								
1:30 PM	Introduction to Computational Fluid Dynamics Using STAR-CCM	Advanced CFD Training with STAR-CCM+						
5:30 PM	End of Workshops							