














**INTERPHEX2009 Conference-At-A-Glance**

Tuesday, March 17

Exhibit Hall open 10am-5pm

	Basics & Building Blocks	Biotechnology		Global Issues & Opportunities	Facilities & Engineering		Manufacturing	Supply Chain Security <i>Sponsored by</i> 	Sustainable Practices
ROOM #	1E15	1E10	1E11	1E16	1E13	1E12	1E21	1E14	1E09
9:00am-10:00am	<b>BB-1:</b> BPE Standards - Rick Zinkowski, American Society of Mechanical Engineers	<b>B-1:</b> Advances in Bioreactor Modeling and Control – Greg McMillan, Emerson Process Management, Trish Benton, Bradley-James Corporation, Michael Boudreau, Bradley-James Corporation	<b>B-2:</b> Development of A Novel Bioreactor SIP Interface and Evaluation of a Fully Automated Bioreactor Sampling System for On-line Cell Counting, Metabolite Analysis, and HPLC Amino Acid Analysis – Erwin Yu, Pfizer	<b>G-1 ACCREDITED COURSE</b> Pre-Approval Inspection Trends for Foreign Manufacturers – William G. Marshall, William G. Marshall & Associates <i>Sponsored by the Center for Professional Advancement</i> 	<b>F-1:</b> Predictive Maintenance/Condition Monitoring Through Airborne Ultrasound Technology - Alan Bandes, U.E. Systems	<b>F-2: WORKSHOP:</b> Rouging in Biopharmaceutical Manufacturing Systems: Theory, Removal and Prevention – Paul Lopolito, Steris	<b>M-1:</b> Advanced Aseptic Processing- The Next Step in the Evolution of Aseptic Production – James Akers, Akers Kennedy and Associates	<b>S-1:</b> Beyond e-Pedigree: Ensuring Product and Brand Safety – Todd Applebaum, Maxiom Group	<b>SP-1:</b> Overview of Sustainability, Green, and Energy Activities in the Industry – Richard Toro, Brown and Caldwell; Gregg Belardo, Wyeth
10:15am-11:15am	<b>BB-2:</b> Reducing Grab Samples for Water & Steam Systems and Migrating to Online Testing- Nancy Tomoney, QPharma Corp/CSSC Inc	<b>B-3:</b> Next Generation MAb Facilities – Niels Guldager, NNE Pharmaplan	<b>B-4:</b> Considerations for Upgrading/Modifying Existing Biotech Facilities – Saul Edenbaum & Aaron Weinstein, Integrated Project Services		<b>F-3:</b> Combustible Dust Hazards and OSHA NEP – Erdem Ural, Loss Prevention Science and Technologies, Inc.		<b>M-2:</b> WIK Look at FDA Future – Sandy Weinberg, Clayton State University, John English, BE&K, Lisa Gonzales, GE Healthcare& Harold Shlevin, Tikvah Therapeutics	<b>S-2:</b> Increasing Transparency and Visibility to Optimize Your Supply Chain Herminio Bosques, Merck	<b>SP-2:</b> How To Design A Sustainable Water Treatment System? – Johann Bonnett, Veolia Water Solutions & Technologies
11:30am-12:45pm	<b>KEYNOTE: The Future of US Biopharmaceutical Manufacturing</b> <b>Presented by: G. Steven Burrill, President, Burrill and Company</b>  <b>Sponsored by:</b>								
12:45pm-1:45pm	<b>Luncheon</b>  <b>Sponsored by:</b>								
1:45pm-2:45pm	<b>Power Hour</b>				<b>Power Hour</b>	<b>Power Hour</b>		<b>Power Hour</b>	
3:00pm-4:00pm	<b>BB-3:</b> Intro to Anti-counterfeiting - Carla Reed, New Creed LLC	<b>B-5:</b> Multi-Component Biopharmaceuticals in a Closed, Single-Use Technology System – Kirsten Strahlendorf, Sanofi Pasteur	<b>B-6:</b> Managing Manufacturing Risk: Applying FMEA to Batch Records – Jonathan Hardy, Lonza Biologics, Inc. Fred Greulich, Maxiom Group	<b>G-2:</b> Best Practices for Managing a Successful International Life Sciences Process Automation Project – Halil Eker, Emerson Process Management; Manish Kumar at Reliance Life Sciences	<b>F-4:</b> Design of an MES/Process Control System Project – Christie Deitz, Emerson, Dave Stauffer, Bristol-Myers Squibb	<b>F-5:</b> Case Study: Aseptic/Potent Filling Line under Closed RABS with H2O2- Bill Friedheim, SKAN AG, Thomas Huber, SKAN AG  <b>Sponsored by:</b> 	<b>M-3:</b> Implementing the ASTM Standard for Verification C&Q- Steve Wisniewski, Integrated Project Services - IPS	<b>S-3:</b> Securely Implementing RFID in the Pharmaceutical Supply Chain - Louis Parks, SecureRF Corporation, Andrew Strauch, Mikoh Corporation, Bikash Chatterjee, Pharmatech Associates, Michael McCartney, QLM Consulting, Mike Spinney, SixWeight	<b>SP-3:</b> How Green is Your Plant? –Peter Watler PhD, JM Hyde Consulting
5:00pm-6:30pm	<b>Opening Night Reception Sponsored by:</b> 								

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9:00am-10:00am	<b>BB-4:</b> Building and Tailoring a Lean Six Sigma Approach for Validation Processes – Bikash Chatterjee, Pharmatech Associates	<b>B-7: WORKSHOP</b> Water System Biofilm: Mythology vs. compliant Control & Meaningful Monitoring – Teri C. Soli, Soli Pharma Solutions, Inc	<b>G-3:</b> The Current State of International Outsourcing - Jim Miller, Pharmsource 	<b>F-6:</b> GMP Thermal Mapping Guidelines and Procedures. Case Studies for GMP Production Rooms and GMP Warehouses – Igor Gorsky, Shire Pharmaceuticals	<b>M-4:</b> Automation System Management: The Journey Towards Maturity -- Jayne Morris, Amgen, Inc., Kim Van Camp, Emerson Process Management	<b>S-4:</b> Building a Safe and Secure Pharma Supply Chain- Carla Reed, New Creed LLC	<b>SP-4:</b> A Risk-Based Approach to Energy Savings in Pharmaceutical Facilities – Dave Goswami, Integrated Project Services, Mark Butler, Integrated Project Services
10:15am-11:15am	<b>BB-5:</b> Building an Error Prevention Culture- Michael Curran-Hayes, Kepner-Tregoe		<b>G-4:</b> A Probe into China’s Pharmaceutical Market- Joe Chou, Ph.D, Pharmtel Corp 	<b>F-7:</b> Manufacturing Operations/Engineering Design for Just in Time Delivery of a cGMP Facility – Joe Miller, Genentech; Andrew Cunningham, Flad Architects; Jim Gasvoda, Flad Architects	<b>M-5:</b> The Electronic Record in the New Reality - Hard Facts about "Virtual" Compliance – John English, BE&K	<b>S-5:</b> Track and Trace: The Key to Supply Chain Integrity – Monty Mason, Axway	<b>SP-5:</b> Costs and Benefits of Implementing a Sustainable Energy Program – Paul Lukitsch, Millipore Corporation
12:00pm-1:30pm	<b>Luncheon Keynote: Single Use Strategies in Bioprocessing: Reducing Costs, Time &amp; Risk</b>  <b>Presented by:</b>  and 						
1:45pm-2:45pm	<b>Power Hour</b>			<b>Power Hour</b>	<b>Power Hour</b>		<b>Power Hour</b>
3:00pm-4:00pm	<b>BB-6:</b> Fundamentals of Packaging DMFs (type III) - Frank Bieganousky, Montesino	<b>B-8:</b> Engineering Considerations for Biotech Industry – Stephen Yu, BE&K	<b>G-5:</b> Global Pharmaceutical Water Challenges Lee Comb, Aqua Chem	<b>F-8:</b> Case Studies on Innovations in Buffer Systems Design and Materials Allow Greater Product Flexibility, Capacity Increase, and Improved Time-to-Market – Craig Sandstrom, Fluor	<b>M-6:</b> Mechanical Characterization, Testing and Defect Monitoring of Drug Tablets: a Review of Current Methods and Emerging Approaches – Cetin Cetinkaya, Clarkson University	<b>S-6:</b> Understanding Variation Can Improve Your Supply Chain – Fernando Portes, Best Project Management	<b>SP-6:</b> Cut Costs, Reduce Risk, and Protect the Environment: What Leading Companies are Doing Walt Tunnessen, US EPA, Martin Brown, Pfizer, Tom Pagliuco, Shering-Plough

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9:00am-10:00am	<b>BB-7:</b> Commissioning: Content, Confidence, Competence, Contracts, and Compliance – Robert Chew, Commissioning Agents	<b>B-9: WORKSHOP:</b> Extractables and Leachables for Single-use Equipment – Jerry Martin, Pall Life Sciences, Chris Mach, Pall Life Sciences, Miguelina Matthews, Sanofii-Pasteur	<b>B-10:</b> GMP Compliant Analysis of Therapeutic Antibodies by Mass Spectrometry – Martin Blueggel, COO & Director BioIT, Protagen AG	<b>G-6:</b> Global Sales and Operations Planning – Terry Esper, University of Tennessee	<b>F-9:</b> Case Study: Schering-Plough Global Clinical Supply Facility – Michael Cirello, Schering-Plough Research Institute Pär Almhem, Pharmadule, Inc., Jeffrey Sheppard, Schering-Plough	<b>M-7: WORKSHOP:</b> Pharmaceutical Outsourcing – Product Development in a Virtual Organization– Andrew Kolbert, Accela Sciences, Joe Wyse, Coldstream Laboratories David Petrick, the Delta Consortium Linda Rhodes, Alchera Bio	<b>S-7:</b> Smarter Procurement Practices – Clive Mullins, Foster Wheeler, Andrew Signore, IPS, Terry Jacobs, Jacobs/Wyper Architects, LLP  	<b>SP-7:</b> Beyond the Green Building Certification: The Advantages of Retro Commissioning (RCx) and Commissioning (C&Q),– Cesar Echevarria, Commissioning Agents
10:15am-11:15am	<b>BB-8:</b> Meeting the PAT Challenge – Carrie Kahn, Sensorin, Sheila Magil PhD, BioProcess Technology Consultants		<b>B-11:</b> Disposables in Contract Biomanufacturing - Douglas Parker, Xcellerex,	<b>G-7:</b> Integrated Drug Development: A Global Perspective – Navaneetha Rao, Vicus Therapeutics, Patrick Devillier, APP Pharmaceuticals	<b>F-10:</b> Equipment Lifecycle Management: Cost Effective and Compliant Maintenance for Qualified Equipment – Jason Price, MRG			<b>SP-8:</b> Sustainable IT Processes in a Virtualized World – Lewis Smith, Virtualization Services
11:30am-12:30pm	<b>Luncheon</b>							