

Type Name	ID	Title	Description	Presenter	Company
1B. Maintenance and Reliability	1B-2357	Protect DeltaV From Viruses Automatically	The use of anti-virus protection is an important safeguard for any computer system. For DeltaV systems, this process has traditionally been very labor intensive, requiring manual updates and constant vigilance to maintain protection against the newest threats. This workshop outlines the steps followed to set-up Symantec Endpoint Protection in full managed mode on a DeltaV 11.3 system, providing automatic updates and deployment on a nightly basis.	Richard Dedzins	Pfizer Inc.
1B. Maintenance and Reliability	1B-2395	System Health Monitoring - Just What the Doctor Ordered	Emerson's System Health Monitoring solution enables customers to effectively manage DCS system assets. A modern DCS system consists of COTS components integrated together. A typical system includes workstations, switches, firewalls, controllers, etc. Often these critical DCS components receive less focused maintenance than their process asset counterparts. This is due to lack of resources, technical skills, and lack of emphasis on these asset types. As a result, control systems run the risk of asset downtime or impairment, which can result in extra expenses, lost product, and downtime.	Kurt Russell	Eli Lilly
2. Business Management	2-1162	Leadership to achieve excellence in SHE and Mfg. Ops	The 'new normal' in chemical mfg. today requires that companies ensure that the safety & health of their employees along with care for the environment is a 'Top Priority' while also ensuring a customer focus, growing in agility and driving for lean mfg. operations. To achieve excellence in key areas like SHE (Safety, Health and Environment) and Operations, you must understand how to set the direction and then start serving others. The leader must understand what their role is, the culture that must be established to achieve excellence and how to execute for sustainable results.	Ben Hopkins	DSM
2. Business Management	2-1683	Modular/Reusable MES - Myth or Reality?	There are many challenges in deploying a Manufacturing Execution System (MES) in a re-usable manner. As MES systems are integrally intertwined into the manufacturing environment, there are many drivers for requirements coming from validation, manufacturing, operations planning, warehouse operations, inventory management, and finance. These many separate instances tend to drive site-specific compromise solutions that are difficult to drive across a broad organization. The cost impact of single point solutions can often make MES very difficult to justify a very valuable manufacturing tool.	Govi Sridharan	Genentech/Roche
2. Business Management	2-1869	Weigh and Dispense in Four Months	This workshop is a case history of a Weigh & Dispense implementation for the production of solutions at Biogen Idec's biotech facility in Cambridge MA. This workshop presents how weigh and dispense was implemented in four months including an interface to the Oracle ERP system	Joe Musiak	Biogen Idec
2. Business Management	2-2056	Streamlining Production Using the DeltaV SOA Gateway	A case history for implementation of the DeltaV SOA Gateway/SOA Secure Server to securely manage the production schedule and ensure the execution of DeltaV recipes using the recipe parameters from the effective process specification for the product. The SOA Gateway provides a secure conduit for interfacing with a custom MES used division wide and provides a platform for maintaining the interface as the MES continues to evolve. This presentation includes an explanation of the architecture implemented as well as the lessons learned from the deployment of the DeltaV SOA Gateway.	Robert Sentz	3M

Type Name	ID	Title	Description	Presenter	Company
2. Business Management	2-2277	MES & ERP: Global Integration Strategy Exposed	Implementing a fully paperless solution involving end to end process integration between Syncade and ERP, LIMS, asset, and training management systems is a daunting task across an organization. Coupling this with a vision for rapid deployment across multiple drug substance and product facilities worldwide and maintaining a set of reusable global standards can be daringly ambitious. This workshop highlights some of the successes and challenges of executing BMS's standard integration strategy as demonstrated by implementation at three distinctly different manufacturing facilities.	Nirav Patel	Bristol-Myers Squibb
4. DeltaV / Ovation & SCADA System Applications	4-1481	Implementing Pfizer's BioNet Delta V Bioreactor Control System	In this oral presentation, we describe the systematic approach taken by Pfizer's BioTherapeutics Pharmaceutical Sciences Bioprocess R&D to identify, evaluate, and implement the company's next generation bioreactor control system. A five year commitment in resource investment (capital and FTE) and strategic partnership with key bioprocess technology vendors was necessary to achieve this goal. The endeavor will be described in a time-line of events and three phases will be highlighted: Technology Evaluation (Phase 1), Technology Maturation (Phase 2), and Technology Deployment (Phase 3).	Bruno Figueroa	Pfizer
4. DeltaV / Ovation & SCADA System Applications	4-2051	Backup & Recovery: Your Economic Last Line of Defense	Today's production processes are heavily dependent on computer systems where any system downtime can result in huge production delays and cost over runs that will impact your bottom line. In case of a system crash, time is money and having the ability to bring your workstations online quickly and efficiently can protect your production investment. Eli Lilly discusses their decision process, justification and business benefits of having the DeltaV System backup and Recovery Solution on multiple systems in their plant.	Kurt Russell	Eli Lilly
6B. Instrumentation	6B-1953	Dusty and Dirty Environment, No Sweat! Non-Contacting Radar in a Coal Bin for Continuous Automated Control and Eliminates a Safety Hazard	P&G utilized a non-contacting radar to automate the level in a coal bin. The use of radar has enabled the process level of the coal to be controlled continuously. This technology has improved the reliability of the measurement, reduced operations costs, increased safety, and enabled them to automate to continuous level control	Josh Mulloy	Proctor & Gamble
12. Wireless Applications	12-1852	Implementation of DeltaV Wireless Mobile Workstation in Clinical Supply Operations	Methodology at our facility includes the use of flexible suites and portable equipment. Operators were using large portable rolling operator stations with fiber optic interfacing back to Delta V. Over the years we have experienced on-going problems with these stations including computer failures, cable and receptacle damage, cleaning issues, room space allocation, and safety concerns. The challenge was to find a solution to these issues endorsed by the operators, easy to implement with minimal downtime and also offered additional benefits to the site.	Frank Rubito	Bristol-Myers Squibb Co.
2. Business Management	2-1162	Leadership to achieve excellence in SHE and Mfg. Ops	The 'new normal' in chemical mfg. today requires that companies ensure that the safety & health of their employees along with care for the environment is a 'Top Priority' while also ensuring a customer focus, growing in agility and driving for lean mfg. operations. To achieve excellence in key areas like SHE (Safety, Health and Environment) and Operations, you must understand how to set the direction and then start serving others. The leader must understand what their role is, the culture that must be established to achieve excellence and how to execute for sustainable results.	Ben Hopkins	DSM

Type Name	ID	Title	Description	Presenter	Company
2. Business Management	2-1683	Modular/Reusable MES - Myth or Reality?	There are many challenges in deploying a Manufacturing Execution System (MES) in a re-usable manner. As MES systems are integrally intertwined into the manufacturing environment, there are many drivers for requirements coming from validation, manufacturing, operations planning, warehouse operations, inventory management, and finance. These many separate instances tend to drive site-specific compromise solutions that are difficult to drive across a broad organization. The cost impact of single point solutions can often make MES very difficult to justify a very valuable manufacturing tool.	Govi Sridharan	Genentech/Roche
2. Business Management	2-1869	Weigh and Dispense in Four Months	This workshop is a case history of a Weigh & Dispense implementation for the production of solutions at Biogen Idec's biotech facility in Cambridge MA. This workshop presents how weigh and dispense was implemented in four months including an interface to the Oracle ERP system	Joe Musiak	Biogen Idec
2. Business Management	2-2056	Streamlining Production Using the DeltaV SOA Gateway	A case history for implementation of the DeltaV SOA Gateway/SOA Secure Server to securely manage the production schedule and ensure the execution of DeltaV recipes using the recipe parameters from the effective process specification for the product. The SOA Gateway provides a secure conduit for interfacing with a custom MES used division wide and provides a platform for maintaining the interface as the MES continues to evolve. This presentation includes an explanation of the architecture implemented as well as the lessons learned from the deployment of the DeltaV SOA Gateway.	Robert Sentz	3M
2. Business Management	2-2277	MES & ERP: Global Integration Strategy Exposed	Implementing a fully paperless solution involving end to end process integration between Syncade and ERP, LIMS, asset, and training management systems is a daunting task across an organization. Coupling this with a vision for rapid deployment across multiple drug substance and product facilities worldwide and maintaining a set of reusable global standards can be daringly ambitious. This workshop highlights some of the successes and challenges of executing BMS's standard integration strategy as demonstrated by implementation at three distinctly different manufacturing facilities.	Nirav Patel	Bristol-Myers Squibb
4. DeltaV / Ovation & SCADA System Applications	4-1481	Implementing Pfizer's BioNet Delta V Bioreactor Control System	In this oral presentation, we describe the systematic approach taken by Pfizer's BioTherapeutics Pharmaceutical Sciences Bioprocess R&D to identify, evaluate, and implement the company's next generation bioreactor control system. A five year commitment in resource investment (capital and FTE) and strategic partnership with key bioprocess technology vendors was necessary to achieve this goal. The endeavor will be described in a time-line of events and three phases will be highlighted: Technology Evaluation (Phase 1), Technology Maturation (Phase 2), and Technology Deployment (Phase 3).	Bruno Figueroa	Pfizer
4. DeltaV / Ovation & SCADA System Applications	4-2051	Backup & Recovery: Your Economic Last Line of Defense	Today's production processes are heavily dependent on computer systems where any system downtime can result in huge production delays and cost over runs that will impact your bottom line. In case of a system crash,time is money and having the ability to bring your workstations online quickly and efficiently can protect your production investment. Eli Lilly discusses their decision process, justification and business benefits of having the DeltaV System backup and Recovery Solution on multiple systems in their plant.	Kurt Russell	Eli Lilly

Type Name	ID	Title	Description	Presenter	Company
6B. Instrumentation	6B-1953	Dusty and Dirty Environment, No Sweat! Non-Contacting Radar in a Coal Bin for Continuous Automated Control and Eliminates a Safety Hazard	P&G utilized a non-contacting radar to automate the level in a coal bin. The use of radar has enabled the process level of the coal to be controlled continuously. This technology has improved the reliability of the measurement, reduced operations costs, increased safety, and enabled them to automate to continuous level control	Josh Mulloy	Proctor & Gamble
12. Wireless Applications	12-1852	Implementation of DeltaV Wireless Mobile Workstation in Clinical Supply Operations	Methodology at our facility includes the use of flexible suites and portable equipment. Operators were using large portable rolling operator stations with fiber optic interfacing back to Delta V. Over the years we have experienced on-going problems with these stations including computer failures, cable and receptacle damage, cleaning issues, room space allocation, and safety concerns. The challenge was to find a solution to these issues endorsed by the operators, easy to implement with minimal downtime and also offered additional benefits to the site.	Frank Rubito	Bristol-Myers Squibb Co.
4. DeltaV / Ovation & SCADA System Applications	4-1481	Implementing Pfizer's BioNet Delta V Bioreactor Control System	In this oral presentation, we describe the systematic approach taken by Pfizer's BioTherapeutics Pharmaceutical Sciences Bioprocess R&D to identify, evaluate, and implement the company's next generation bioreactor control system. A five year commitment in resource investment (capital and FTE) and strategic partnership with key bioprocess technology vendors was necessary to achieve this goal. The endeavor will be described in a time-line of events and three phases will be highlighted: Technology Evaluation (Phase 1), Technology Maturation (Phase 2), and Technology Deployment (Phase 3).	Michael Isaacs	Broadley James Corp.
4. DeltaV / Ovation & SCADA System Applications	4-1541	Offline Analyzer Integration for Process Sampling	This workshop will discuss the successful integration of offline analyzers and seedlab devices into a DeltaV system for sampling and process control. The project was executed at a large scale Bio-pharmaceutical manufacturing facility. The analyzers and devices were integrated via serial and OPC communication, and custom DeltaV control modules were developed to dynamically link equipment to process units. Logic was modified to embed sampling functionality into existing phases, thereby eliminating the need for manual data entry on handheld devices.	Leonidas Castaneda	Genentech
Educational Services	EDU-2601	AMS Device Manager Wireless SNAP-ON	This session is for individuals that want to gain experience using the AMS Device Manager Wireless SNAP-ON. The lecture will cover self-organizing network technology, network components, and network operation. Students will learn to design, check, and verify self-organizing network layouts. AMS Device Manager will be used to configure and view wireless devices. Self-organizing network information will also be shown on a live network. The class will concentrate on using the Wireless SNAP-ON to design and check network layouts.	Paul Anderson	Emerson Process Management

Type Name	ID	Title	Description	Presenter	Company
Educational Services	EDU-2602	DeltaV InSight	The short course is intended for control engineers and technicians who are responsible for maintaining and improving process control performance. The short course workshops will show students how to use DeltaV Inspect to monitor performance with real-time and historical data and to generate Performance Reports. Students will also learn how to use DeltaV InSight On-Demand Tuning, Adaptive Tuning and Adaptive Control to improve control performance.	Mark Dimmitt	Emerson Process Management
Educational Services	EDU-2603	DeltaV S-Series IS Electronic Marshalling	This short course provides hands-on workshops for individuals responsible for implementing DeltaV IS S-series Electronic Marshalling. The lecture will cover the hardware architecture and configuration of the I/O subsystem. The hands-on workshops will allow students to install, configure and test their I/O subsystem from the screw terminals to the Operator display.	Jesse Armantrout	-

Connect in!
Leverage 30,000 Years of Collective Experience.

EMERSON GLOBAL USERS EXCHANGE
2012 OCT 8-12 HILTON ANAHEIM HOTEL

