

Session Code	Title	Description
HANDS-ON LAB		
AUL01	Stratix 8000 - The Next Generation Ethernet Switch - Best of Both Worlds	Experience the power of the Ethernet switch which provides seamless integration between corporate and manufacturing networks. You will manage a switch from within RSLogix 5000, see how diagnostic information from the network can be displayed quickly on an HMI and also understand how easily the Stratix 8000 family integrates into your corporate network software tools.
AUL02	RSLogix5000 introduces Data Access Control for Controller Tags	Today (before version 18), external applications - such as an HMI - and controller logic have full access to all tags inside the controller – there is no way to control what tags can be read and written from an external application or by controller logic. In the latest version of RSLogix5000, new tag attributes are introduced to help define what resources can access what data. Learn about this new feature in this session.
AUL04	Integrated Architecture: Putting the Pieces Together	Experience the ease of integration of frequency converters, I/O and visualisation with Logix controllers on EtherNet/IP networks. Implement the latest pre-configured HMI faceplates to provide detailed information for your PowerFlex converters and observe how it greatly reduces your development time and complexity of small- to mid-sized applications.
AUL05	Fundamentals of Logix	Do you want to reduce engineering time and cost compared to conventional PLC programming? Do you want to make fewer programming errors? Here you will learn the primary advantages of the Logix controller family by designing, creating and downloading programs. See how easy it is to use tag names and how easily you can create a running application from scratch.
AUL07	Add On Instructions - How to Create and Apply User-defined Functions in Logix	Do you need to re-use a lot of logic code in different applications? Discover how the re-usable Add On Instructions provide faster development time and greatly reduce your time-to-market. In this session you will also experience a brief introduction how Add On instructions integrate with generic HMI faceplates to even further speed up the development cycle.
AUL08	Improve your productivity without compromising safety with our Safe Speed Control Technologies	Increase application productivity, aid in maintenance activities and protect your assets with Safe-speed control of your machinery. You will work with the Safe-speed core technology available as a dedicated safe-speed monitoring relay and experience how easy it is to apply.
AUL09	Improve your Plant efficiency through optimized information from your Process Systems	Improve yield, increase throughput, reduce costs, and improve quality with PlantPax batch management and control. Leverage industry standards to meet small, basic batch/sequencing needs as well as distributed, comprehensive batch/sequencing requirements. Learn more about an integrated set of decision-making tools and dashboards that help provide real-time access to and analysis of process and production information throughout the enterprise.
AUL11	Experiment with Speed & Position Control Solutions - from Velocity Control to Coordinated Motion Control	Experiment with Speed & Position Control Solutions - from low precision to high precision indexing, coordinated motion control (Gears and CAMs) systems and inverter based speed profiling.
AUL12	Optimise Performance and Reliability in Your Control System using Intelligent Motor Control Solutions and Condition Monitoring	How do you protect your assets and production, and predict when failures will occur? Utilising our powerful portfolio of Intelligent Motor Control products, this lab highlights the features and benefits of each type, so that you can choose the correct product to control your motors. This will allow you to provide the correct level of protection for your assets, predict failures before they happen, thereby minimising downtime and allowing problems to be fixed before a shutdown occurs.
AUL13	PlantPax Core Sytem lab - A guided tour through the main components and functions of a typical Process Control System	Get an insight into the main elements composing a process control system – EWS, PASS, OWS, Application Servers and controllers – and see how they work together to provide a process solution. You will be working on engineering tools, application server and operator workstation to run a typical process reactor exemple.
AUL14	Reduce your engineering while implementing Rockwell Automation Process Libraries in your next Process Solution	Work with the new PlantPAX Add-on Instructions (AOIs) and Faceplates. In this lab you will use the new Process Add-on instructions, their corresponding Faceplates and Graphic Symbols from the PlantPAX Process Library. With a closer look at some typical process instructions, you will get an insight into the general properties such as modes, alarms, and simple configuration.
AUL15	Design a safer production environment with muting and blanking of safety light curtains and relay modules	Ever wondered how you can increase the safety of your production environment with the latest safety light curtains and relay modules? In this hands-on session you will explore the functionality of the new muting and blanking safety relay module (MSR42) and you will be introduced to the latest safety light curtains (GuardShield Safe4 and Micro400). The focus is mainly towards individuals who need to solve light curtain safety applications that may be “guard only”, “muting” or “fixed blanking”.
AUL16	Integrating Safety into Your Architecture with GuardLogix and Ethernet/IP safety devices	Take your machine safety control and your productivity to the next level with GuardLogix control and safety IO devices on Ethernet. Create a small, safety application using the Rockwell Safety Accelerator toolkit with predefined faceplates for HMIs to experience the quick and easy set up of a running system. Learn how you can easily reduce much of your valuable development time.

AUL17	Introduction to the benefits of integrating FactoryTalk View products into your architecture	This session will guide you through the steps to implement a project that includes panel type operator stations through to fully distributed systems. The aim of the session is to show the integration of Rockwell Automation Visualisation products into a single visualization architecture. The session uses FactoryTalk View ME & SE and will cover: creating and downloading a PanelView application, making a basic FactoryTalk View SE application, adding recipe functionality, FactoryTalk Alarm & Events and language switching
AUL18	Exploring additional functionality in a combined visualisation FactoryTalk View architecture	This session will introduce further features that are available when integrating FactoryTalk View into your architecture. These are features that integrate factory floor operator stations with the main control room distributed visualization architecture. the session will use FactoryTalk View ME & SE and will cover: Combined security, Integrated diagnostic logging, electronic signatures, Data Storage from factory floor to control room, file viewing from control room to factory floor and web based HMI.
AUL20	Process Device Configuration and Calibration using Asset Management Software	Configuring, calibrating, and monitoring smart process instruments has never been this easy. Experience it in this session using the powerful Logix platform and the easy-to-use asset management software FactoryTalk AssetCentre . Suggested is that attendees have a basic knowledge of RSLogix 5000 and have familiarity with process instruments.
DEMONSTRATIONS		
AUD01 AUD02	Getting the most from 3rd Generation Industrial Ethernet Installations	Learn about the innovative techniques enabled by recent advances in ethernet infrastructure technology that allows you to take the next step in simplifying your system design and accelerating the deployment of seamlessly integrated networks. Techniques to be demonstrated include layer 3 switching, network segmentation, high availability ethernet and the convergence delivered by the Rockwell Automation and Cisco Reference Architecture
AUD03	OEE and Performance Measurements (FactoryTalk Metrics & FactoryTalk VantagePoint EMI)	OEE is the premier KPI which helps manufacturers to better understand current production performance and address issues generated by bottlenecks and poor resource allocation. Hear how this powerful KPI engine can help you raise the bar.
AUD04	World class data gathering and analysis (FactoryTalk Historian & FactoryTalk VantagePoint EMI)	Accurate data is invaluable. Both historical and real time. Thanks to accurate data your company can have better manufacturing insight, helping you to achieve your most challenging manufacturing goals: tighter cost control, optimal production performance, higher product quality, better equipment utilization, more efficient supply chain management. Special focus will be on FactoryTalk Historian ME (Machine Edition), the embedded Historian in the Controller Chassis, and on FactoryTalk VantagePoint EMI (Enterprise Manufacturing Intelligence).
AUD05	The benefits of FactoryTalk View Products : plantwide visibility through a single, integrated & scalable solution (Demo)	Find out how FactoryTalk View Products reduces development and commissioning time, facilitates regulatory compliance, optimizes performance, increases productivity, improves total cost of ownership and helps you to keep your employees safe. FactoryTalk View provides you with a scalable, unified suite of operator interface, supervisory-level and management visualization solutions, sharing the same development software and fully integrated with the Logix Controller platform.
AUD06	Integrated Condition Monitoring for "Operations Driven Reliability" (Demo)	Learn how machine Condition Monitoring information can be made available to decision makers throughout your plant, helping to reduce maintenance costs and increase throughput. This session will cover the fundamentals of Condition Monitoring and show you how to leverage your existing investment in networks, visualization and control not only to monitor critical machinery, but receive actionable machinery health information.
AUD07	Connected Components - Live Demonstration - Sized to meet your needs for simple and smart Machine Control	Discover in this live demonstration session how a small automation controller like a MicroLogix 1400 easily connects to a simple PowerFlex frequency converter for speed control, how it easily controls temperature loops and how it talks to our new low-cost, easy-to-use PanelViewComponent HMIs. This session also shows the powerful set of 'Free of Charge' application tools available to help you reduce overall design and building costs.
AUD08	RSLogix 5000 - Reduce Development Time with Advanced Tips and Tricks	Did you ever wonder how you can save time when developing an RSLogix 5000 application? Well, hear from our experts how you can succeed easily. Examples: Online/offline merging of large-scale edits, XML Import/Export, multi-user edits, V17 handy features, project management with RSLogixArchitect, firmware management, etc.
AUD09	Intelligent Motor Control with PowerFlex AC Drives - Advanced Features and Applications	The workshop provides an insight into some of the advanced features of PowerFlex 750-class Drives,. Each feature will be illustrated by application examples, configuration practices, and live demonstrations.
AUD10	Powerful range of product selection and system configuration tools	Rockwell Automation offers a powerful range of product selection and system configuration tools to assist you to choose and apply our products. There are tools available on-line and for you to install on your personal computer so that you can quickly access information on our products while in the office or on the go, all free of charge. - Product Selection - System Configuration - Product Drawings

AUD11	Building of a complete Process Control system from device up to Production Reports	This workshop provides a live demonstration of the several elements that compose the PlantPax solution, from the core elements to the multiple possible extensions. It also illustrates how easily you can integrate devices like instruments, drives, condition monitoring and even complete process skids in your Process Control System
PRESENTATIONS		
AUP02	Future Trends in Industrial Networking	Learn how recent advances in networking (like Ethernet for motion, process, safety and real-time control) are being deployed to deliver plant performance improvements. Understand what new wired and wireless technologies are emerging at the device, peer and business levels to secure business advantage.
AUP03	Cisco Systems Inc & Rockwell Automation Achieving Secure Remote Access to Plant-Wide Applications Description	Wide deployment of EtherNet/IP enables engineers or suppliers to remotely access plant-wide assets for the purpose of monitoring, management and configuration. Learn the best practices and recommendations from Rockwell Automation and Cisco that balance the remote access needs of manufacturing with the secure access requirements of IT.
AUP04	Midrange machines with sophisticated requirements to improve your operating efficiency	Small- and mid-size manufacturers still need to drive their plants to compete with big manufacturers while keeping their operational cost lower than them. Rockwell Automation understand this need and has developed Integrated Architecture in its simplest form, based on CompactLogix. If you are a small- or mid-size end user, you will discover how to solve your sequential, process and motion application with a single control platform – CompactLogix.
AUP05	Real Time Motion Solutions on unmodified EtherNet/IP	EtherNet/IP with Common Industrial Protocol (CIP) Motion technology combines the requirements of deterministic, real-time, closed loop motion control with “standard,” unmodified Ethernet, offering full compliance with Ethernet standards, including IEEE 802.3 and TCP/IP. Learn how EtherNet/IP Motion solutions can help increase machine design flexibility, improve system performance and reduce overall system costs.
AUP06	Intelligent Motor Control	Are you still building motor starters and control panels with the 20th Century technology that only offers basic motor protections, with no diagnostic information to help reduce production downtime? Come and see how the Intelligent Motor Controls solution from Rockwell Automation can provide you with a fresh approach to controlling and getting the most of the workhorse of your plant: Motors!
AUP07	Energy Savings with AC Drives	This session provides an overview of possible energy savings with AC Drives. The focus will be on recommended solutions with PowerFlex AC Drives, calculation examples, and field case studies.
AUP08	Turnkey solutions and Field Services from Rockwell Automation	Discover how you can optimize your life cycle support through the delivery of Rockwell Automation solutions and services.
AUP09	Information Solutions strategy	Discover our software solutions and products designed to help you in improving profitability and sustainability, in achieving greater agility and ability to compete on a global scale. Thanks to our solutions, you can analyze production, improve equipment performance and product quality, optimize production and the supply chain.
AUP10	Software for Enterprise Energy Management	Enterprise Energy Management (EEM) provides a solution to facilitate aggressive savings with a more predictive and holistic approach to energy management. EEM provides real-time visibility into ongoing operations and drives energy efficiency through smarter central management, detection of abnormal demand, and improved operational planning. All of this enables better maintenance decisions and provides detailed management insight.
AUP11	MES Solutions for Industry Value-driven, tailored solutions to solve unique industry and market challenges	Rockwell Software suites provide tailored, value-driven solutions to meet the unique needs of manufacturers, driving the pursuit of operational excellence, sustainability and reduced manufacturing cost. Thanks to our suites, project risks and implementation costs are reduced and industry best practices are easily adopted. Our world-class industry solutions leverage Rockwell Automation's 100+ years of innovation, experience and global support.
AUP12	Asset management	Managing assets effectively is crucial. It can help you improve overall security, intelligence and predictability of your plant resources. Rockwell Automations provides you with a set of asset-centric focused tools to securely and centrally manage your factory and process automation production environments by securing access to the control system, tracking users' actions, managing asset configuration files, configuring process instruments and providing backup and recovery of operating asset configurations.
AUP13	Achieve Plant-wide Optimisation, Sustainable Production and Machine Performance with Integrated Architecture	Whether your role is focused on a single cell, a machine, a manufacturing line or an entire plant, Rockwell Automation has solutions to minimise capital expenditure and improve existing intelligent plant-floor systems, allowing you to gain new opportunities for your business. In this session you will hear how Rockwell Automation can help you develop an ongoing approach to plant-wide optimisation, improve your machine performance and achieve your sustainability objectives.

AUP15	Sensing & Connectivity News	Find out about latest news on Sensing & Connectivity products. RFID - ICODE System for Track and Traceability, Measurement Light Arrays for Error Proofing, Highly reliable industrial graded Ethernet media connectivity etc.
AUP16	Integrated Safety Solutions	New standards and regulations allow safety to be integrated into the control architecture. Rockwell Automation's safety solutions allow you to improve safety in all operation modes, while improving flexibility and productivity. A product overview and animated scenarios will demonstrate how this can be achieved.
AUP17	Drives and Servo Controllers - Solutions for your Speed or Positioning Applications	This presentation provides an overview of PowerFlex AC Drives, Servo Controllers and Motors, discusses suitable technologies for speed control and positioning applications, and explains the seamless integration into Rockwell Automations Integrated Architecture Solutions and its benefits.
AUP20	Upgrading Your Legacy Process Automation Systems	This session will help you to understand how we can support you moving from legacy DCS and other Process Automation systems to the Rockwell Automation solution, and highlights, both migration decision-making and execution. During the session, examples of phased or Rip and Replace migrations will highlight technical enablers and approaches to migrate a complete system. This will include optimizing performance and up-time, maintaining operational continuity, and achieving planned economic returns. System upgrading decisions are a key aspect of business strategy, this information will help you gain true competitive advantage.
AUP21	Extend your Rockwell Automation System with PlantPAx into your Process area	With constant pressure on cost, flexibility, quality and regulatory compliance, the need for real-time information is greater than ever. If your control disciplines are spread over different control platforms, it's harder than ever. This session will focus on how our next generation, plant-wide system can meet the needs of the entire enterprise with a single platform and development environment - the advantages of Rockwell Automation Integrated Architecture in Process Automation Systems. It will demonstrate how our system offers scalability for a wide range of process applications with seamless information flow between the plant floor and the rest of the enterprise, allowing you to reduce start-up times, lessen downtime, and access plant and production information.
AUP22	Endress+Hauser and Rockwell Automation Integration - Collaborating to Provide World Class Solutions	Endress+Hauser and Rockwell Automation have a strategic alliance to enhance integration of field devices with control process measurement and automation. Together, the two companies can expand device connectivity and configuration capabilities using standard technology. This session will focus on the coordinated engineering services offered by the two companies with the provision of a wide range of pre-tested, standards-based measurement, automation and information solutions to help you, our customers, reduce integration costs, improve operational and maintenance efficiency and optimise plant assets.
AUP23	Are your teams ready for Industrial Wireless?	Have you ever thought about reducing engineering and installation time & costs? About improving your machine performances? About increasing reliability and operation time? Wireless testimonies from a wide variety of industries are explored here, focusing on methodology and benefits as reported by Users.... take advantage of ProSoft Technology's 20 years experience in industrial communication, and see how demanding protocols such as EtherNet/IP, PROFIBUS, HART, etc. are going wireless... today!
AUSA01	HIPROM - Seamless Integration of Profibus PA in Logix-based Process Control Systems	A discussion on the implementation of a Profibus PA network in a Logix system using the new redundant EtherNet/IP EN2PA-R and ControlNet CN2PA-R linking devices. Topics covered will range from initial device configuration to scalable asset management options.
AUSA02	Medium Voltage Variable Speed Drives - Why Isolation Transformers	The traditional method to mitigate harmonics is to introduce a custom, phase-shifting isolation transformer (with multiple three-phase secondary windings) between the distribution system and the drive rectifier. Each secondary winding in the transformer has a corresponding drive rectifier bridge. Some configurations have up to 15 sets of three-phase secondary windings. Is this required?
AUSA03	Global Solutions from Rockwell Automation	Discover how you can engage Rockwell Automation for professional solution implementations, to reduce technical commercial, quality and project delay risks and gain maximum benefits from our products.
AUSA04	Electronic Motor Protection Intelligent Motor Control Solutions - Specific focus on motor protection aspects	Electrical motors are the backbone of industry in today's manufacturing environment. Proactive management of these assets can provide a competitive advantage allowing manufacturers to improve production efficiency, prevent unplanned down time, and better manage their energy usage. This session will demonstrate how Allen-Bradley intelligent motor starter solutions can help you proactively manage your electrical motor assets. See how their space saving designs, application scalability, and communication capabilities (DeviceNet and EtherNet/IP) can give you a competitive advantage at your facility. See the way forward with Rockwell Automation thought leadership view

AUSA05	HMS - Increase your connectivity possibilities!	We will present how you, by using products from RA Encompass Partner HMS, can render extended possibilities for different applications to communicate with new and old installations. The case example is based on a typical mining installation.
AUSA06	Stratus: Don't Gamble with your Availability	Stratus Technologies focuses exclusively on helping its customers keep critical business operations online without interruption. Business continuity requires resiliency and superior availability throughout the IT infrastructure, including virtual environments. Stratus delivers a range of solutions that includes software-based high availability, fault-tolerant servers, availability consulting and assessment, and remote systems management services. Based on its 30 years of expertise in product and services technology for total availability, Stratus is a trusted solutions provider to customers in manufacturing, health care, financial services, public safety, transportation & logistics, and other industries
AUSA07	Solid State Intelligent Motor Control Solutions - Specific focus on solid state aspects	Electrical motors are the backbone of industry in today's manufacturing environment. Proactive management of these assets can provide a competitive advantage allowing manufacturers to improve production efficiency, prevent unplanned down time, and better manage their energy usage. This session will demonstrate how Allen-Bradley intelligent motor starter solutions can help you proactively manage your electrical motor assets. See how their space saving designs, application scalability, and communication capabilities (DeviceNet and EtherNet/IP) can give you a competitive advantage at your facility. See the way forward with Rockwell Automation thought leadership view
AUSA08	Low Voltage vs. Medium Voltage AC Drives - when to choose low-voltage or medium-voltage solutions	Find out in this session when to choose a Low Voltage and when a Medium Voltage Solution for your application to save energy and money for your company