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ABB Customer World

GEORGE R. BROWN CONVENTION CENTER
HOUSTON, TEXAS | MARCH 4 -7, 2019

Innovative solutions are always on the menu at ABB Customer World



The food and beverage industry faces a dual imperative of maintaining competitiveness and profitability while adhering to ever higher standards for safety and regulatory compliance. Fortunately, there are tools and technologies that can help.

The curriculum and networking at ABB Customer World, will give insights into what the industry's leading players are doing to increase efficiency, ensure safety and manage compliance with solutions that also deliver benefits to the bottom line. Whether you are a food & beverage manufacturer, or you serve the industry, this event is for you.

Registration is free!

ABB Customer World, brings together professionals from utilities, industries and infrastructure for a premier educational and collaboration event in North America.

From past lessons learned to the future revealed, this event saves you time, money and manpower. Ask your questions, deliver your feedback to developers, take advantage of hands-on training by experts, and learn from ABB's customers and project managers how to maximize value from your current assets.

Event registration is now open — and there is no conference fee to attend. For information and to register, visit us at www.abb.com/acw.

Join your Food & Beverage peers as we explore cutting-edge technologies that address your most pressing challenges.

Food & Beverage suggested program

MONDAY, MARCH 4

TIME	PROGRAM	ROOM
10:00AM	Technology & Solutions center opens	TSC
11:45AM-12:45PM	Buffet Lunch	Hall E, Level 1
1:00-2:00PM	ABB Ability™ Electrical Distribution Control System: The Ability to send power to the bottom line Monitor, manage and optimize facility energy consumption, anytime from anywhere, with ABB Ability™ Electrical Distribution Control System (EDCS). It is the innovative cloud- based platform which works via smartphone, tablet or computer in real time to optimize energy use and costs. Flexible, scalable and easy to implement, the ABB Ability™ EDCS simplifies building management, offers predictive capabilities that reduce downtime and maintenance, and enables users to dramatically reduce operational costs. Join us to learn how ABB Ability™ EDCS can add significantly to your bottom line.	Theater 2, TSC
2:30-3:30PM	What is my ABB Ability™ Smart Sensor for mounted bearings telling me? The ABB Ability™ Smart Sensor for mounted bearings is an entry level solution into the market of condition monitoring and the industrial internet of things (IIoT). This solution can provide information and trending analyses to help reduce unscheduled downtime and unplanned maintenance while keeping employees out of harm's way. Join us to learn about how overall vibration, temperature and statistical KPIs, together with the capAbility™ of fault detection, can benefit you and your processes. and remote collaboration between engineers sitting at different locations.	360D
4:00-5:00PM	RobotStudio virtual reality RobotStudio® is not only our best offline programming, simulation and communication tool for ABB robots, but one of the most capable robotics tools in the industry. This software is consistently evolving and being developed, and today we have virtual reality (VR) capabilities that are above and beyond most customers' expectations. It provides capabilities for remote support and remote collaboration between engineers sitting at different locations.	Theater 3, TSC
5:00-6:30PM	Reception	TSC
6:30PM	Technology & Solutions Center closes	TSC

TUESDAY, MARCH 5

TIME	PROGRAM	ROOM
8:30-10:00AM	Keynote Presentation Ulrich Spiesshofer, CEO, ABB Antonio Neri, CEO, HPE	Hall B3, Level 3
10:00AM	Technology & Solution Center opens	TSC
10:30-11:30AM	Reliable and sustainable power for food and beverage facilities The way we process and package our food has undergone a revolution with high levels of automation, monitoring and information systems. This has been driven by not only productivity improvement needs, but also by a host of food safety requirements. Due to the high degree of automation, the quality of electrical power becomes business critical. Join us as we discuss the critical power technologies and solutions available today to ensure uptime, reduce power quality events and ensure energy savings while optimizing costs.	351D
11:45AM-1:15PM	The Future of Industry - Luncheon panel discussion	Grand Ballroom, Level 3

Peter Terwiesch, President Industrial Automation Division, ABB
 Michael Wiebe, COO, Kronos
 Guido Jouret, Chief Digital Officer, ABB
 Moderator: Greg Scheu, President Americas, ABB

	OR buffet lunch	Hall E, Level 1
1:30-2:30PM	Starting your roadmap towards digitalization	351D
	<p>The food and beverage industry faces unique challenges with digitalizing operations due to individualized processes, high fluctuation in commodity prices and competitive product introductions. Looking ahead, digital technology offers tremendous opportunity that will soon cease to be optional — knowing how, when, and where to introduce digital tech into your food and beverage plant can put you ahead of the game. Attend this workshop to create your road map and start your journey towards digitalization to unveil new ways of improving profitability.</p>	
3:00-4:00PM	Advanced digitalization in the food and beverage industry	351D
	<p>Today's most pressing concerns for the food and beverage industry include the need to optimize energy consumption, reduce material use and inventory costs, and increase asset utilization and throughput. Other priorities include the need to improve quality and reduce variations, errors and waste while maximizing traceability and fulfilling regulatory compliance. Learn more about the benefits and challenges associated with the new age of industrial digitalization. We will examine multiple technologies that can be applied to control your processes and advance your digitalization journey.</p>	
4:30-5:30PM	Sustainability in food and beverage: The key to meeting profitability and environmental objectives	351D
	<p>Sustainability is a key driver for the health of the environment and for profitable growth. In this session, we will discuss the technology and best practices that can be implemented at all levels of a food and beverage facility to meet demand and sustainability objectives. From water reuse to energy efficient components, we will evaluate multiple sustainability options and which investments can have the most immediate impact on profitability and the environment.</p>	
6:30PM	Technology and Solution Center closes	TSC
6:30-9:30PM	Customer Appreciation Event, Convention Center	Hall B3, Level 3
		

WEDNESDAY, MARCH 6

TIME	PROGRAM	ROOM
9:00-10:15AM	Future of Mobility - Keynote presentation	Hall B3, Level 3
	<p>Moderator: Guido Jouret, ABB Chief Digital Officer Panelists: Tarak Mehta, President, ABB Electrification Products division Tony Seba, Futurist and thought leader</p>	
	<p>Transportation is undergoing a radical transformation not seen since the advent of the automobile—and it's not limited to cars. From hybrid ships and autonomous cars to electric buses that recharge during stops, there is hardly a segment of the transportation sector that's not being reinvented. As the leader in electric-vehicle (EV) fast charging, ABB is playing a decisive role in this e-mobility revolution. Our panel will assess the smart mobility solutions that are defining the new, sustainable transportation ecosystem. With 125 million electric cars expected on roads worldwide by 2030, we'll also discuss the requirements for building out the charging infrastructure that will power these clean electric, connected and increasingly autonomous vehicles.</p>	

10:00AM	Technology & Solutions Center opens	TSC
10:30-11:30AM	Improving productivity and reducing costs with a comprehensive plant assessment	351D
	<p>Improving productivity, optimizing quality and making the most of resources is tightly linked to a company's profitability. From digitalization and process improvement to energy efficiency and automation, you need solutions that keep your production sustainable and reduce your maintenance costs while assuring high plant integrity. Attend this session to learn more about optimizing your plant's efficiency and staying more competitive with a comprehensive plant assessment.</p>	
11:45AM-1:15PM	The Future of Energy - Luncheon panel discussion	Grand Ballroom, Level 3
	<p>Moderator: Rob Massoudi, ABB GVP, Digital Transformation Panelists: Claudio Facchin, President, ABB Power Grids division Joe Kava, VP Data Centers, Google Gary Hayes, CIO & VP Information Technology, CenterPoint Charles McConnell, Former DOE Assistant Secretary of Energy</p> <p>The ways in which electricity is generated, distributed, and consumed are changing radically. Renewable energy sources, such as wind and solar, are ramping up, and the grid is becoming increasingly digital and decentralized. This lunchtime panel will provide insight into how these interwoven trends will play out and what the implications are for electricity utilities and their customers. We'll discuss the integration of conventional and renewable energy sources, the adoption of smarter energy management practices, the role of digital substations and microgrids and the emergence of self-reliant "prosumers" – individuals who produce and use their own energy.</p>	
	Or buffet lunch	Hall E, Level 1
1:30-2:30PM	How disruptive technologies will impact food and beverage production in the future (panel discussion)	351D
	<p>Augmented reality, artificial intelligence, blockchain, 3D food printing, even Fitbits for cows – what disruptive technologies do you anticipate we will see in the food and beverage industry? Join our distinguished panel of experts as we think outside of the box and discuss how cutting-edge technology will be applied in food and beverage production and the potential impact and benefits to the industry and the consumer.</p>	
3:00-4:00PM	Automation and adaptive solutions to meet the demands of the changing consumer	351D
	<p>Attend this session to learn how processing and packaging robotic automation solutions and the new generation of adaptive machinery can reduce total cost of ownership, improve and maintain quality and consistency, and provide the flexibility needed for the changing trends in the industry. Discover how to meet the changing consumer demands of high volume/low mix to low volume/high mix variants, leading to increased output, higher yield, reduced waste and a cost-effective answer to mass customization and ultimately, batch size one.</p>	
4:30-5:30PM	The elements of hygienic design and its importance for a food safety program	351D
	<p>In recent years, there have been several serious foodborne illness outbreaks. While inadequate cleaning and sanitizing programs are often to blame, poor equipment design can also be a factor in these outbreaks. In this course, we will review food equipment hygienic design standards and the technology available today that can improve cleanability and decrease the risk of biological contamination to improve your food safety program.</p>	
THURSDAY, MARCH 7		
TIME	PROGRAM	ROOM
8:30-9:30AM	Future of Work: The Impact of Digital Manufacturing on the Factory of the Future with Sami Atiya and Lessons from the Dirt featuring Executive Producer & Show Host Mike Rowe	Hall B3, Level 3
	<p>Keynote speakers: Sami Atiya, President, ABB Robotics & Motion division</p>	

Mike Rowe, Executive Producer & Show Host

Join us as we wrap up ABB Customer World with two very special keynote presentations. Sami Atiya, President, ABB Robotics & Motion division, will share his vision on how to succeed in the changing global manufacturing landscape and workforce readiness. Executive Producer & Show Host Mike Rowe will share the surprising lessons he learned working as a perpetual apprentice.



10:00AM	Technology & Solution Center opens	TSC
10:00-11:00AM	Ethernet connectivity in drives: Tired of your current drive offering for your existing architecture?	360D
	<p>Your current system is likely based on a choice made long ago. That doesn't mean you're stuck with the antiquated or underperforming drives you originally chose. We've made it exceedingly easy for you to integrate ABB drives into your solution without having to replace the whole system. In this session, we will discuss Ethernet/ IP and various add-on instruction solutions for seamless integration into the Rockwell environment for new systems, or for replacing your existing Rockwell drives in RSLogix 5000 or Studio 5000.</p>	
11:30AM-12:30PM	Operational equipment effectiveness for brownfield machine installations	360D
	<p>Acquiring deep insight into machines is essential to enhance productivity and efficiency. Developing such functionality in brownfield machines is a strenuous task. Orange Box, the result of our decades of experience in machine and factory automation, is a perfect solution to get operational equipment effectiveness (OEE), identify the most common stoppages, generate machine operation reports and beyond. Join us to learn more about this innovative solution.</p>	
12:30-1:30PM	Buffet Lunch	Hall E, Level 1
1:45-2:45PM	Using variable frequency drives to reduce the costs of harmonic mitigation	360D
	<p>Adding non-linear loads, such as variable frequency drives (VFDs) or data centers, to electrical networks can create harmonics. IEEE 519-2014 provides updated harmonic limit requirements, and where and how they should be measured. This session covers the various methods that can be used to mitigate harmonics and includes various examples, with calculations and measurements showing how each method effects capex, opex and the risk of downtime.</p>	
3:00PM	Technology & Solution Center closes	TSC

General information



Event registration

Register for APW, now ABB Customer World, and event hotels by visiting the event website at www.abb.com/acw



Event location

All educational training, the Technology & Solution Center and meals will be held at the George R. Brown Convention Center (GRBCC), levels 1 and 3.

The street address is 1001 Avenida De Las Americas, Houston, Texas 77010.



Hotel accommodations

Information about where to stay and how to book your hotel reservations is available at www.abb.com/acw. The special event rates will be offered for days of the event, subject to availability. You must be registered for ABB Customer World, in order to reserve rooms under the event rate; please do not contact the hotels directly.

Note: Hotel reservations are not automatically made when you register for the event. Your event reservation confirmation will include a link to reserve your hotel room, and you can then reserve your event housing or you can reserve at the same time you are registering to attend.

All event hotels offer easy access to the GRBCC and complimentary wireless internet access in guest rooms as part of the event rate.



Need more information?

Event information is available on the event website or by calling our 24-hour help line: 800-435-7365 Press option zero (0) and ask for ABB Customer World 2019 support.



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