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TRAINING AND WORKSHOPS

8:00 AM	Fast-Track RFID Professional Institute Certified Associate Training Archit Dua, RFID4U 127ABC
10:30 AM	Workshop General Session (open to all Conference Pass holders): RFID Basics Mark Roberti, RFID Journal 121AB
11:30 AM-4:15 PM	RFID for Warehouse and Inventory Management Jack Crumbly, Tuskegee University; Pedro Reyes, Baylor University; Léonard Smits, Container Centralen 121AB
11:30 AM-4:15 PM	Bluetooth Beacon Workshop Michael Liard, Liard Research & Consulting; Kevin Berisso, Ph.D., University of Memphis; Daniel Engels Ph.D. Southern Methodist University 122A
11:30 AM-4:15 PM	Understanding the Value of RFID and the Future of Intelligent Labels Nathalie Aferiat, Kit Check; Elizabeth Sowle, Peter Cockerell, DJ Lee, and Jonathan Aitken, Avery Dennison 122B
11:30 AM-4:15 PM	Strategic RFID Workshop Mark Roberti, RFID Journal 121C
11:30 AM-4:15 PM	RFID in Aviation Andrew Price, IATA; Magali Collot, IATA; Brandon Woodruff, Delta Air Lines; Diana Hage, Gary McCann, Terry Alderson, RFID Global Solution; Mary Ann Allen, George Schmitt & Co.; Pedro Reyes, Baylor University 122C
11:30 AM-4:15 PM	RFID Journal University Ultan McCarthy Ph.D., MBA, Waterford Institute of Technology 124A

MAIN CONFERENCE KEYNOTES (Room 120 C-D)

4:45 PM	Welcome and Opening Remarks Mark Roberti, RFID Journal
5:00 PM	Item-Level RFID in Retail: Getting to Mass Adoption Panelists: Richard Haig, Herman Kay Joachim Wilkens, C&A
5:45 PM	Keynote: RFID Drives Innovation at Mercedes Juergen Hartmann, Daimler AG

GENERAL SESSIONS (Room 120 C-D)

8:30 AM	Welcome and Opening Remarks Mark Roberti, RFID Journal
8:45 AM	Keynote: BAE Systems Improves Manufacturing and Inventory Capability With RFID Deirdre Schmidt, BAE Systems
9:30 AM	Retailer Panel Discussion: How RFID Technology Is Transforming Retail Operations Moderator : Dean Frew, SML Panelists: Jack Nestell, MyDyer; Johan Stenstrom, Stadium AB
10:15 AM	Digital Transformation in the Food Industry Julie Vargas, Avery Dennison; Sowmya Varadarajan, IBM
10:45 AM	Resistance is Futile: Embracing the Inevitable Use of RFID in Apparel Retail Dr. Bill Hardgrave, Auburn University
11:30 AM	Lunch in RFID Journal LIVE! Exhibit Hall

INDUSTRY TRACK SESSIONS: WEDNESDAY

	DEFENSE/ AEROSPACE 121C	HEALTHCARE/ PHARMACEUTICAL 121A	INNOVATION 122C	INTERNET OF THINGS 121B
1:45 PM	IT Asset Management Thu Dahl, Air National Guard	Tracking Specialty Drugs With RFID Snehal Patel, Asembia	Drone RFID Read Rate Near 100 Percent for Inventory or Asset Management Tali Freed, Cal Poly	The Current State of the Internet of Things Steve Halliday, High Tech Aid
2:35 PM	Solution-Provider Sessions Open to all conference attendees, these sponsor-led sessions feature some of the industry's most innovative solutions. Hear real-life examples of successful deployments, including in-depth discussions of both time-tested and emerging solutions. See pages 4 and 5 for descriptions.			
3:25 PM	Lockheed Martin Advances the "Flightline of the Future" Through Asset Visibility Corey Cook, Lockheed	The Drug Supply Chain Security Act and Blockchain Robert Celeste, Center for Supply Chain Studies	Blockchain Technology in Supply Chain Traceability Systems Moderator: Jeanne Duckett, Avery Dennison	Craft Brewer Ensures Beer Quality With IoT-Managed Chillers Darrel Brown, Savagewood Brewing Co.
4:15 PM	RFID Aids Space Exploration Patrick Fink, NASA — Johnson Space Center	RFID Tracks Elderly Care Participants and Staff, Onsite and Off David Smith, RN, Senior TLC	RFID Engages Customers and Improves Lift Access at Ski Resort Lisa Zilinsky, Granite Peak Ski Resort	IoT Cuts Water Use, Boosts Yield for Crops Gregory Van Dyke, Kanpeki Rice

INDUSTRY TRACK SESSIONS: WEDNESDAY (CONTINUED)

	MANUFACTURING 122A	RETAIL/APPAREL 124A	SUPPLY CHAIN/ LOGISTICS 122B	TECHNOLOGY AND INFRASTRUCTURE 124B
1:45 PM	RFID System Brings Visibility to Industrial Supply Chains Andrew Johnson, ShelfAware	Superdry Uses RFID to Improve Inventory Accuracy James Eastwood, Superdry	Carvana Uses RFID to Drive Efficiency and Customer Satisfaction Jonathon McCutcheon, Carvana	Bluetooth Through the Years and Beyond: Enabling New Location Solutions Dave Hollander, Bluetooth SIG; Roberto Sandre, Wiliot
2:35 PM	Solution-Provider Sessions Open to all conference attendees, these sponsor-led sessions feature some of the industry's most innovative solutions. Hear real-life examples of successful deployments, including in-depth discussions of both time-tested and emerging solutions. See pages 4 and 5 for descriptions.			
3:25 PM	RFID Makes Cables Talk Birger Hodt, Prysmian Group	Project Zipper: Phase Two Justin Patton and Pavani Ankireddy, Auburn University	Locating Vehicles at Manufacturing Site With RFID Matt Walker, Blue Bird Corp.	RFID Suppliers in the Crosshairs of FCC's Enforcement Bureau—How to Keep Your Business Safe Ronald Quirk, Jr. Esq., Marshlian & Donahue
4:15 PM	Auto Ceramics Company Boosts Production With RTLS Bob Grimm and Yona Kaplan, NGK Automotive Ceramics USA	Reducing Out-of-Stocks (and More) Using RFID With EPCIS Joachim Wilkens, C&A	Using RFID To Track Individual Piece Flows at American Woodmark Henry Nisiobincki, American Woodmark	Case Study: The "Fugitive" Assets in Oil and Gas Glen Kathler, Southern Alberta Institute of Technology (SAIT)

2:35 PM

Solution Provider Sessions
A New Era of NFC—A Secure Element in a Tag

Room 121B

The latest silicon-based advancements in security hardened and attack resistant NFC chips now make it possible to deliver privacy enabled, multi-layered security for NFC and IoT authentication applications. With these new solutions comes cutting-edge security and privacy features, making it possible to confidently authenticate products and goods through the use of an NFC tag. Learn more about the latest NFC technologies and why such new solutions are critical in providing enhanced digital services and customer experiences, while securely protecting products against counterfeits, channel diversions or other types of fraud in today's IoT.

Speaker: Alex Rensink, Business Segment, Manager of Smart Products, NXP


Tamper-Evident RFID—When Security Matters

Room 124B

As RFID and BLE technology is increasingly adopted across a number of scenarios, it turns out that a number of these use cases require a higher level of security. The tags and the affixed items must stay together and that identification tag or sensor cannot be cloned. This session will describe several physical, cryptographic and RFID aspects of implementing tamper evidence in RFID tags and describe related real-life implementations.

Speaker: Richard Aufreiter, Director, Product Marketing, Identification Technologies, HID


Increasing ROI When Using RFID to Trigger Anti-Theft (EAS) Alarms

Room 124A

This presentation will focus on how to create a return on investment (ROI) by using an RFID solution to combat theft in retail stores, and automatically update inventory when losses occur. Gain an understanding of how the latest RFID label-based solutions can now be used to trigger alarms at the store exit and provide automated inventory updates when items are stolen. The presentation will include an analysis of an ROI return when loss prevention and inventory logistics budgets are applied to a single label. Finally, we will explore the use of RFID as compared to traditional electronic article surveillance (EAS) systems and expose some of the myths.

Speaker: Philip Calderbank, RFID Consultant, BSN



2:35 PM

Solution Provider Sessions *(continued)*
PervasID Launches a Multifunctional Reader Solution With All-in-One (Wide-Area, Anti-Theft and Portal) Solutions (2:50 PM)

Room 124A

Following the company's launch of its patented "world first" 99%+ accurate family of UHF fixed reader solutions, which include a wide-area passive RFID system (Space Ranger), an anti-theft RFID system (Security Ranger) and a portal system (Portal Ranger), PervasID has now launched a multifunctional reader solution (Multi-Ranger) which can encompass all of the above functions in one. This allows retailers to use a single RFID reader to cover back storage area, sales area inventory and exit/entrance anti-theft solution, as well as any transition portals that may be required, at a cost similar to an overhead or floor loss prevention solution. Learn how this ground-breaking Multi-Ranger RFID reader system achieves 99%+ detection accuracy and responsiveness, in a very cost-effective way, delivering a rapid ROI.

Speaker: Dr. Sabesan Sithamparanathan, Founder & CEO, PervasID


Automotive Parts Logistics

Room 122B

Automakers reported that a record 88.1 million cars and light vehicles were sold globally in 2018. This success on the part of vehicle manufacturers is contrasted with increased scrutiny from government regulators and customers as recalls have become commonplace in recent years. Automotive parts suppliers, in turn, face pressure to increase production volumes and reduce costs, while providing greater visibility into component identity and traceability. Learn how RFID is being implemented within the automotive supply chain to address these challenges.

Speaker: Joe Hoerl, Director of Americas, Confidex


Trending RFID Applications in Aerospace and Defense

Room 121C

As innovation continues in the RFID industry, so do the number of uses to which the technology is being applied in aerospace and defense. Learn about half a dozen of the latest applications in the A&D sector—from military ship-building to protecting electronics from counterfeiting, to tracking perishable materials throughout the supply chain and managing tools to eliminate foreign object debris at repair facilities.

Speaker: Diana Hage, CEO, RFID Global Solution



INDUSTRY TRACK SESSIONS: THURSDAY

	DEFENSE/ AEROSPACE 121C	HEALTHCARE/ PHARMACEUTICAL 121A	INNOVATION 122C	INTERNET OF THINGS 121B
9:00 AM	Delta Improves Maintenance Efficiencies With RFID Rick Lewis, Delta	Improving Operating Room Turnover Times With RFID Randy Saad, Adventist Health White Memorial	The Good, the Bad and the Wireless Kevin Berisso, Ph.D., University of Memphis	The IoT New Opportunity Alphabet: NFC + AI, VR, AR and Blockchain Paula Hunter, NFC Forum
9:45 AM	A Strategic Approach to RFID Mark Roberti, RFID Journal	Stanford Children's Health Improves Inventory Management With RFID Stephen Fiehler, Stanford Children's Health	Futuristic Innovation: Developing Strategies That Cause Reactions Michael Liard, Liard Research & Consulting	Tracking Urban Solid Waste via IoT Technology Prof. Ind. Eng. Ernesto A. Castagnet, UNS
10:30 AM	Award Finalists Session: Best New Product, Group 2	Award Finalists Session: Best Health-Care Implementation	Award Finalists Session: Best RFID Implementation (Other Industry)	Award Finalists Session: Best New Product, Group 1

	MANUFACTURING 122A	RETAIL/APPAREL 124A	SUPPLY CHAIN/ LOGISTICS 122B	TECHNOLOGY AND INFRASTRUCTURE 124B
9:00 AM	Plastics Company Boosts Efficiency and Prevents Errors With RFID Seth Scott, Aurora Plastics	RFID Barometer in Retail: European Case Studies Dr. Antonio Rizzi, University of Parma	Enhancing Security of Concealed Biological Specimens With RFID MdMizanur Rahman Ph.D., U.S. Army Medical Research Institute of Infectious Diseases	RFID and IoT in Brazil Edson Perin, RFID Journal Brazil
9:45 AM	Asset Management for the Process Control Industry Through RFID Shannon Jelken, Emerson	RFID Increases Efficiency and Improves Visibility For Beauty Brand Gustavo Lichtenecker, Boticário Group	Chain Integration Project (CHIP) Allan Gulley and Justin Patton, Auburn University; Michael Graen, Collaboration	RFID Reduces Time and Cost of Locating Underground Assets Mike Klonsinki, Berntsen International
10:30 AM	Award Finalists Session: Best Manufacturing Implementation	Award Finalists Session: Best Retail Implementation	Award Finalists Session: Best Logistics/Supply Chain Implementation	Award Finalists Session: Best Use of RFID to Enhance a Product or Service