



## Sunday, 27 October | Welcome Hotel

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|-------------|---|-------------------------------------|
| 1100 – 1730 | Registration  | <b>Outside Einstein Room</b>        |
| 1200 – 1730 | AIM Board & Chapter Meeting ( <i>by invitation only</i> ) |                                     |
| 1800 – 1930 | Welcome Reception   | <b>Herrngarten Hotel Restaurant</b> |

## Monday, 28 October | darmstadtium Level 2

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|-------------|---------------------|--------------------------------|
| 0730 – 1730 | Registration        | <b>vanadium 2 Room</b>         |
| 0900 – 1745 | Educational Program | <b>Outside vanadium 2 Room</b> |
| 1830 – 2130 | Networking Dinner   | <b>Restaurant Sitte</b>        |

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|-------------|------------------------------------|------------------------|
| 0900 – 0915 | <b>Welcome &amp; Introductions</b> | <b>vanadium 2 Room</b> |
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| 0915 – 0930 | <b>10 Trends in Wireless IoT Driving the World Forward</b><br><b>Anja Van Bocxlaer   RFID &amp; Wireless IoT</b> |  |
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| 0935 – 1000 | <b>Traceability of Tobacco Products in the European Union</b><br><b>Jan Hoffmann   Policy Coordinator, Directorate-General Health and Food Safety   European Commission</b> |  |
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Illicit tobacco products drain national budgets and undermine existing tobacco control policies. In May 2019, the European Union (EU) established the first regional traceability system for tobacco products, which forms a key component of the EU's policy on stepping up the fight against illicit trade. The traceability system enables national and EU authorities to track and trace tobacco products across the legal supply chain, from manufacturing facilities to retail outlets. In this session, Jan Hoffmann will outline the regulatory, policy and operational dimensions of tobacco traceability in the EU, and share experiences gained in the months following the establishment of the system.

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| 1005 – 1030 | <b>End-to-End Food Traceability</b><br><b>Jeanne Duckett   Manager, Technology Development   Avery Dennison</b><br>Food traceability systems should be able to access information about all the ingredients of a food product (down to the individual batch or lot of the ingredient) and allow companies to understand the disposition of all the ingredients and intermediate materials within a production process. It also includes being able to pinpoint where any particular product is located in the supply chain at any particular time. Traceability is a crucial component of the food safety system and is governed by legislation that includes the Food Safety Modernization Act and the European Union's General Food Law. |  |
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| 1030 – 1045 | <b>Networking Break</b> | <b>Outside vanadium 2 Room</b> |
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| 1045 – 1200 | <b>Breakout Sessions   Application and Tech Talk Tracks</b> |  |
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Time	Application Track vanadium 2 Room	Tech Talk Track Palladium Room
1050 – 1110	<p><b>State of AIDC in the EU</b>  <b>Keith Robinson   Managing Director   BlueStar EMEA</b>            The automatic identification and data capture (AIDC) market is on our minds every day – it’s the heart and soul of our business. In this session you will hear AIDC trends and predictions in the EU for 2020 and beyond.</p>	<p><b>AIDC Trends in China</b>  <b>Wang Yi   Secretariat   AIM China</b>            AIDC makes managing inventory, delivery, assets, documents, or products second nature. A vital piece of the supply chain, AIDC technology continues to evolve right before our very eyes. Learn about the trends and opportunities that await you in China.</p>
1115 – 1135	<p><b>Robotics and Automation</b>  <b>Dominik Böesl   Vice President &amp; Head of Robotics Futures   FESTO AG &amp; Co KG</b></p>	<p><b>AIDC Standardization Panel</b>  <i>ISO/IEC JTC 1/SC 31            WG Chairs and Members</i></p> <p>This expert panel will update the audience on the ISO standardization process as it relates to AIDC, RFID, IoT, and Blockchain. These industry leaders lead the creation, development, and publishing of technology standards.</p> <p><u>Moderator:</u>  <b>Sprague Ackley   Managing Director   Sprague Ackley LLC</b></p> <p><u>Panelists:</u></p>
1140 - 1200	<p><b>Product and Temperature Transparency: All in One</b>  <b>Patti Blessing   VP Sales &amp; Business Development   CAVU Group</b>            Throughout any supply chain operation, maintaining product integrity is critical. Providing new, universal methods to track product information and quality control points, helps streamline the logistics process. In support of Internet of Things (IoT) strategies, data sensors are the cornerstone of connectivity and real-time data access. AIM, in partnership with GS1, created a new sensor technical specification (8009) that will provide a way to interpret temperature threshold sensors. This technology is meant to enhance supply chain management for a number of regulated industries. This solution captures multiple data points electronically, providing a digital record and a way to decipher temperature data without the human eye. Bring distinguished visibility to your supply chain and ensure your products are maintained within the necessary temperature range. This will guarantee optimal quality for the patient or consumer and provide overall confidence in your brand.</p>	<ul style="list-style-type: none"> <li>• <b>Josef Preishuber-Pflügl   EVP, CTO and business manager RFID+NFC   CISC Semiconductor</b></li> <li>• <b>Albertus Pretorius   Solutions Architect   LicenSys</b></li> <li>• <b>Claude Tételin   Subject Matter Expert for EPC/RFID standards and applications   GS1 Global</b></li> </ul>

- 1200 – 1330 **AIM Partnership Luncheon** **Calla – Restaurant Café Lounge**  
*restaurant in darmstadium*
- 1330 – 1400 **Identification - The First Mile of Digitalization** **vanadium 2 Room**  
**Dieter Horst | Head of Product Management Industrial Identification | SIEMENS**  
 Even though Identification has been existing for decades, it plays a more and more important role in making our factories more efficient and bringing them into the digital world. In his session, Dieter Horst shows what is required and explains practical examples of digitalization both in our private environment and the industrial world.
- 1405 – 1430 **AIDC in the Clinical Laboratory; Trends and Specific Considerations**  
**Niels Wartenberg | Training Manager | SICK AG**  
 The clinical laboratory uses AIDC extensively and depends on its technologies as an important part of assuring quick and reliable turn-around times for patient specimens. There are, however, several areas where this AIDC customer differs from more typical customers in the worlds of logistic and factory automation.
- 1435 – 1500 **Data Dynamics at the Edge of the Enterprise**  
**Matt Kowalski | Senior Manager Customer Relations & Business Development | Zebra Technologies**  
 Enterprises are at the inflection point of a generational digital transformation. There is growing industry consensus that the use and analysis of business data can help streamline workflows, identify supply chain bottlenecks and predict better business outcomes. Businesses collect data – that collection is typically done on a hardware device via a bar code scan, an RFID signal or a captured image. With Zebra's Savanna Data Services, software developers and ISV's are able to leverage APIs (Application Programming Interfaces) that take advantage of our new Savanna intelligent edge platform to unlock hidden enterprise data.
- 1500 - 1515 **Networking Break** **Outside vanadium 2 Room**
- 1515 - 1720 **Breakout Sessions | Application and Tech Talk Tracks**

Time	Application Track vanadium 2 Room	Tech Talk Track Palladium Room
1520 – 1540	<p><b>Police Security RFID Storage</b>  <b>Lucas Ahlstrom   Management Consultant   Loxtore RFID Systems AB</b>            Electronic weapon inventory management is vital to ensuring the safety of a community. Hear how a law enforcement agency implemented a weapon/rifle storage systems using RFID and IoT technology in 100.000 certified cabinets to track and locate their materials.</p>	<p><b>Enhancing Track and Trace Tags</b>  <b>Douglas Seitz   Product Marketing Manager   ON Semiconductor</b>            RFID technology used for track and trace can be expanded to include capturing of additional information from the same tag, including temperature, shock/vibration, and other environmental conditions. This talk will explore innovation enhancing logistics leveraging existing RFID infrastructure.</p>
1545 – 1605	<p><b>Iconic Manhattan Skyscraper Streamlines Inspection &amp; Repair with Trusted NFC</b>  <b>Richard Aufreiter   HID Global</b>            This session provides an example how trusted NFC tags can help digitize, streamline and track the entire sprinkler inspection and repair process of one of New York's most famous buildings. The result: faster, more efficient inspections and repairs, improved first-time fix rates and fewer repeat visits. Perhaps most important, property management can now more accurately track and confirm all physical on-site inspections and repairs, ensuring the sprinkler system complies with all New York Fire Department's fire and safety regulations. This IoT case won the 2018 case study award from AIM.</p>	<p><b>Wurth's Supplier Labeling Transformation</b>  <b>Mari Waldron   Marketing   NiceLabel</b>            Wurth, a global market leader in the sale of fastening and assembly materials, had a goal of digitizing its processes, including labeling. Wurth's custom-built, legacy labeling system made supplier labeling a challenge. The software was installed at each supplier with CDs and every time there was an update, new CDs had to be sent. In addition, they had no visibility into which software version each supplier used. The company who built the labeling software was acquired, making support a concern. All of this contributed to a cumbersome supplier labeling process resulting in misapplied labels and shipping delays. Wurth addressed these issues with web printing. Their 180 suppliers in 15 countries now print approximately 8.5 million labels/year. Label changes are instantly deployed to suppliers and they have visibility into usage and print history. Now, suppliers deliver ready-to-sell goods to Wurth, packaged in Wurth boxes and branded with their labels.</p>
1610 – 1630	<p><b>IATA RFID Bag Tagging Initiative</b>  <b>Andreas Walsner   Sales Manager   Smartrac Technology Group</b>            With the momentum building within IATA and the recent recommendation from the board during the AGM in June 2019, it is looking likely that RFID will become a resolution within the industry for tracking checked in baggage. With this in mind we take a look at the possibilities and pitfalls when using RFID within an airport environment.</p>	<p><b>The Industrial Value &amp; Development Opportunity of Two-dimensional Bar Code</b>  <b>Dr. Zhang Chao   Dean   ZIIOT</b>            Based on the new generation of information technology, digital economy breeds destructive business model and economic paradigm. It is not only a supplement and integration of the original economic system, but also a profound change from the bottom to reshape the global economic landscape. Two-dimensional bar code as the core perception technology of the Internet of everything, two-dimensional code technology is playing an increasingly important role in the new economic form, the standardization development and popularization of two-dimensional code industry is receiving wide attention from all over the world.</p>

Time	Application Track vanadium 2 Room	Tech Talk Track Palladium Room
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1635 - 1655	<p><b>RAIN Applications Panel   Without RAIN There Are No Flowers</b></p> <p><u>Moderator:</u> <b>Steve Halliday   President   RAIN Alliance</b></p> <p><u>Panelists:</u></p> <ul style="list-style-type: none"> <li>• <b>Andres Bley   Co-Founder   MetraLabs</b></li> <li>• <b>Chuck Evanhoe   President   Aware Innovations</b></li> <li>• <b>Albertus Pretorius   Solutions Architect   LicenSys</b></li> </ul>	<p><b>Laser Marking &amp; Vision Technology Improve AIDC in Medical Implants Douglas Dr. Faycal Benayad-Cherif   Product Manager   FOBA Laser Marking</b></p> <p>On September 2013, the FDA has mandated that all medical devices be traceable through the UDI (Unique Device Identification) system. The FDA does not recommend a specific marking methodology; however, laser technology has been the preferred method for applying permanent traceability content on medical devices. The combination of laser marking and innovative imaging solutions for AIDC have helped address the requirement of Direct Part Marking (DPM) while addressing the challenges of achieving permanent readable marks with high resolution, speed and accuracy.</p>
1700 - 1720		<p><b>From the Vineyard to the Bottle – RFID for the Wine Industry, Ca’ Del Bosco Case Carlo Carminati   Sales &amp; Marketing Director   SAIT</b></p> <p>The standards and the requirements of nowadays market call for an action in the winemaking industry. The implementation of high technological solutions can help winemakers to take fraud-prevention measures, streamline the production operations and upgrade the customer experience, for an overall business improvement.</p> <p>One of the most modern and advanced cellars in Italy, Ca’ del Bosco, together with SAIT, have devised and implemented a system that automatically tracks and traces all the stages in the supply chain, up to the end customer. With the help of the RFID technology, the system is able to systematically store information about products and processes throughout the entire supply chain, achieving the paradigm “from the vineyard to the bottle”.</p>

1730 – 1745 **Wrap Up**

**vanadium 2 Room**

1830 **AIM Networking Dinner**

**Restaurant Sitte**

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*Special thanks to AIM Germany!*

*Save the Date!*



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