<table>
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**Unlocking IoT's Full Potential**

9:00am - 9:20am
Track 1 - Industrial IoT
- How has digital become more of an opportunity for businesses with the sudden shift in dynamic?
- What are the challenges that have surfaced with the need for remote monitoring and working?

**Participants**

Speaker: Yasir Qureshi - Vice President, IoT Go-to-Market, Software AG

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**Digital as an Enabler to Customer Success**

9:20am - 9:40am
Track 1 - Industrial IoT
- “Digital” as a process of transforming data and information into actionable outcomes and insights, making customers able to make better decisions
- Saving customers money, resource and time and being a leader in the IoT space
- Helping the economic growth of businesses and increasing sustainable development

**Participants**

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tmt.knect365.com/iot-world/ iotevent@informa.com
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Keynote Panel Discussion: Reshaping Technology and Business - How Businesses in IoT are Adapting to the New Normal
9:40am - 10:10am
Track 1 - Industrial IoT
- How changes within the workforce has been impacted by COVID-19, and how workers have been adjusting to a modified way of things
- IT, OT, Technology and Business – Who and How do you Collaborate Internally and with Partners?

Participants
Panelist: Fabian Schmahl - President & CEO, thyssenkrupp Bilstein of America, Inc.
Panelist: Robert Schmid - Chief Futurist aka Mr. IoT, Deloitte Consulting LLP
Moderator: Joshua Builta - Director - IoT, OMDIA
Panelist: Nash Chakraborty - Sr. Director of Marketing, Cloud Industry Analyst Relations, Siemens Digital Industry Software, Siemens
Panelist: Charlene Marini - VP and GM of devices, IoT Platform, Arm

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Selling IoT and How to Make Money in IoT
9:20am - 9:40am
Ecosystem Summit (Free Content)
Participants
Speaker: Steve Brumer - BH IoT Group, BH IoT Group
Keynote Panel Discussion: Reshaping Technology and Business - How Businesses in IoT are Adapting to the New Normal
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Panelist: Charlene Marini - VP and GM of devices, IoT Platform, Arm

Global IoT Connectivity: LPWAN to 5G
9:40am - 10:00am
Ecosystem Summit (Free Content)

Participants
Speaker: Ajay Joseph - CTO, iBASIS

IoT Leader of the Year Shortlist Fireside Chat 3
10:00am - 10:20am
Ecosystem Summit (Free Content)

IoT World Today will be joined by selected shortlisted IoT Leader of the Year nominees, to discuss how they are leading their IoT organization through change, pivoting business models and driving their business into the new normal.

Networking and Meetings Time
10:10am - 10:40am
Track 1 - Industrial IoT

Networking and Meetings Time
10:10am - 10:40am
Track 4 - Developing IoT

Networking and Meetings Time
10:10am - 10:40am
Track 2 - 5G & IoT Connectivity

Networking and Meetings Time
10:10am - 10:40am
Track 3 - Edge Computing & AI

Networking and Meetings Time
10:20am - 10:50am
Panel Discussion: How IoT is Tackling COVID-19
10:20am - 10:50am
Ecosystem Summit (Free Content)
Many have documented that if this global pandemic had happened even just 20 years ago, our lives and organizations would have been impacted even more dramatically than they have been today. Technology developments have enabled us to remain connected virtually and enabled digital ready businesses to pivot remotely at rapid pace. It is now not a question of ‘if’ to digitize but ‘how fast’. IoT technologies have and will be fundamental in progressive organizations and industries to adapt and thrive in our new world.

IoT World and IoT World Today are honored to recognize those that have used IoT technologies in notable ways to adapt to COVID-19 by launching the COVID-19 IoT Innovation Award.

This Panel Session will showcase the stories of a select shortlist of nominees from this years COVID-19 IoT Innovation Award.

Becoming a Smart Factory on Wheels: How Highly Automated and IoT-Connected Vehicles are Enabling Farmers to Improve Productivity
10:40am - 11:00am
Track 1 - Industrial IoT
- Technologies such as machine-to-machine communications and big data will help farmers make efficient decisions despite having fewer resources
- How IoT and advanced technologies enable farmers to keep up with an increasing global food demand as well as increase sustainability, yield and profitability
- Tackling burdens of changing weather conditions and a shrinking pool of skilled rural labor to dramatically improve what a farmer can singlehandedly achieve
- Critical best practices for using connected technology to improve the user experience, a key component for implementing overall IoT strategy to drive adoption in agriculture

Participants
Speaker: Deanna Kovar - Vice President, Production & Precision Ag Production Systems, John Deere

Ultra-reliable, low latency applications (URLLC)
10:40am - 11:00am
Track 2 - 5G & IoT Connectivity
- Investigate the potential for 5G and LTE to overlap and work together when not all IoT devices necessarily need 5G
- Retain control over the communication of thousands of devices with URLLC to ensure that IoT’s connectivity capability can be realised seamlessly
- A look at incoming new standards which specify reliability: will they be enough to move the industry into a new arena with predictable performance?

Participants
Jacques Fluet - Director, Network Assurance and Edge Data Center Programs, Telecommunications Industry Association (TIA)

Securing IoT and Edge the Cyber Security Way
10:40am - 11:00am
Track 3 - Edge Computing & AI
- Analysing how edge impacts the IoT ecosystem, and why do we need to secure edge?
- What skills are needed to protect the IoT security framework

Participants

The No-code Approach to Data Management and Intelligence at the Edge
10:40am - 11:00am
Track 4 - Developing IoT
In this session you will learn:
1. Quick and easy data ingestion from edge devices using light-weight agents.
2. Flow-based modeling for designing edge processing logic with transformations. Push flow and ML models to the edge to reduce costly roundtrips.
3. Manage, monitor and control agents across thousands of devices from a single control pane.

Expo Times/Meetings
10:50am - 11:00am
Ecosystem Summit (Free Content)

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How to Make Sense of Data to Create a Seamless Interconnected System in your Workplace
11:00am - 11:20am
Track 1 - Industrial IoT
- Creating new sources of data in addition to the already existing data sets in the manufacturing floor, using vision and sensors to shorten the deployment cycle
- How trusted data management platform will virtually be able to take in data from machines and access this data easily

Participants
Speaker: Seshagiri Marellapudi - PreSales Head, MindSphere IoT Cloud Services, Siemens

Safety and Security, Two Must-Haves for a Robust Product Life
11:00am - 11:20am
Track 2 - Developing IoT
In today's modern world, we hear of attacks on systems all the time. The Internet of Things (IoT) provides an increasing threat footprint for interconnected systems. How do you maintain a complete product life cycle keeping both safety and security in mind? Some best-in-class use cases for how to design and develop so that your product does its job every time safely and with security will be presented. Discussion will include partitioning the application for safety, securing the system from its initial boot, and therefore establishing a firm 'root of trust', and authentication for Over-The-Air (OTA) updates.

Participants
Speaker: Stephen Olsen - Principal Field Application Engineer, BlackBerry QNX

Panel Discussion: Virtual teaching (theory and Lab) during the COVID-19 Pandemic
11:10am - 11:40am
Ecosystem Summit (Free Content)
- How students are obtaining online lectures and managing virtual labs in order to continue their research and studies
- How remote education can prepare students for the new workplace reality

Participants
Moderator: Shivakumar Mathapathi - Adjunct Faculty, Multiple Universities

What Edge Computing Can Learn from the Moon Landings
11:20am - 11:40am
Track 4 - Developing IoT
2019 marked the 50th anniversary of the first moon landing. Decades later, the Apollo program still stands as one of humanity's most impressive technical achievements. To think that we sent people in the void of space using a computer running at 1.024MHz and around 76K of memory!

In this session, you will discover some of those lessons and how they can make your current and future deployments of Edge technologies better. You will also learn about various current approaches to Edge computing with and without Kubernetes.

Participants
Speaker: Frédéric Desbiens - IoT and Edge Program Manager, Eclipse Foundation
SECTIONS
DAY ONE: TUESDAY AUGUST 11, 2020 - 11/08/2020

Panel: Smart Manufacturing as a Driver for Business Outcomes – Investing in Industry 4.0
11:40am - 12:10pm
Track 1 - Industrial IoT

- A look at the competitive marketplace and how to simplify vendor management?
- How to create revenue streams to be one step ahead in the industry?
- How to measure the impact of manufacturing-focused IoT Technology in 2020 while looking ahead to 2025

Participants
Moderator: Alex West - Principal Analyst, Smart Manufacturing & Industrial Communications, Omdia
Panelist: Steven Holdsworth - Vice President, Strategic Initiatives, Crescent Electric Supply Company
Panelist: Marylin N. Glass-Hedges, PhD., - IT Industry 4.0 Lead, Industrial & Systems Engineering Leader for CI and I4.0, Daimler
Panelist: Farid Bichareh - Co-Chair, Smart Factory, Industrial Internet Consortium

Panel - Establishing a fully interoperable and standardized 5G landscape
11:40am - 12:10pm
Track 2 - 5G & IoT Connectivity

- Understanding how all spectrums, licensed or otherwise, could have the ability to support IoT through rigorous standards.
- With so many different devices being built and adopted by a plethora of various companies, how will they all work together to create a 5G network which works well?
- Explore how 5G will fit in with the already crowded connectivity market and its complementing role with LPWAN networks such as, UNB, NB-IoT, LTE-M, LoRaWAN

Participants
Moderator: Ali Syed Mohsin - Senior Research Analyst - Industrial Communication & Edge Technology, Omdia
Panelist: Chris Pearson - President, 5G Americas
Panelist: Pete Wilson - Director, Channel Sales, Telefonica
Panelist: Dave Fontneau - Director of Communications Technology, Orange County Sheriff's Department

Panel: Looking toward the High-Speed Future: Enhancing Connectivity and Business Opportunities with Edge
11:40am - 12:10pm
Track 3 - Edge Computing & AI

- Building a business case that will create short and long-term ROI, while achieving interoperability.
- Bringing in the right partnerships that will enhance business outcomes.
- Overcoming stakeholder complexity such as IT vs OT, bridging the gaps internally and externally.

Participants
Moderator: Jo Peterson - VP of Cloud and Security, Clarify360
Panelist: William Couri - System Design & Integration Specialist, The Boeing Company
Panelist: Shrankhala Jain - Data Scientist, Ford Motor Company
Panelist: Brent Schroeder - CTO, SUSE

Panel: The Internet of Open Source Things
11:40am - 12:10pm
Track 4 - Developing IoT

It's quickly becoming commonplace for developers to factor open source into their deployment plans. This means the dominant IoT platforms in the market will either be open source or based on an open source core. Open source development lends itself to creating a diverse ecosystem of technology collaboration which can accelerate development time to market with greater efficiency. This panel will discuss and debate how both open source software and hardware will impact and evolve the current landscape.

Participants
Moderator: Frédéric Desbiens - IoT and Edge Program Manager, Eclipse Foundation
Richard Barry - Senior Principal Engineer, Amazon Web Services (AWS)
Francesco Doddo - IoT System Development Manager, STMicroelectronics
Kate Stewart - Senior Director of Strategic Programs, Linux Foundation

Thinaer Presentation
11:40am - 12:00pm
Ecosystem Summit (Free Content)

Participants
Speaker: Bryan Merckling - CEO and Founder, Thinaer

IIC Partner Workshop: Welcome Remarks and Introductions to IIC
12:00pm - 12:10pm
Ecosystem Summit (Free Content)

Participants
Stephen Mellor - CTO, Industrial Internet Consortium

Networking /Exhibition Visits/Scheduled Meetings
12:10pm - 1:00pm
Track 1 - Industrial IoT

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12:10pm - 1:00pm
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12:10pm - 1:00pm
Track 3 - Edge Computing & AI

IIC Partner Workshop: Managing the Complexities of IoT
12:10pm - 1:00pm
Ecosystem Summit (Free Content)

Much of the focus of IoT to date has been on relatively simple projects that generate a return relatively quickly. But more complex projects and more mission-critical projects can be more impactful in terms of process efficiency, value proposition, and industry transformation. In this presentation, Jim will present findings from the analysis of hundreds of IoT case studies, including analyses of different dimensions of complexity and market impact. He will explore two case studies in detail, highlighting how different profiles of complexity drive different profiles of skills required on solution design and implementation teams. Jim will include recommendations for how end users should best approach the opportunities presented by IoT.

Participants
Jim Morrish - Founding Partner, Transforma Insights
How monitoring process control for pipes or valves
Deployment considerations for IoT applications
IoT Bluetooth Low-Energy devices joining RFID in
Moving beyond asset tracking to guiding assembly
What effect will more secure connections which go
LoRaWAN deployment models and examples
Choosing the right IoT connectivity for your

Participants
Ulrich Graf - Senior Engineer Industry 4.0 & Industrial
IoT, Huawei Technologies

Digital Transformation: Seizing a Culture of
Innovation in Manufacturing Supply Chain
1:00pm - 1:20pm
Track 1 - Industrial IoT

- How monitoring process control for pipes or valves
- Remote Valve Monitoring Solutions will help
  factories reduce retrofitting costs by a large
  amount, compared to traditional methods as well
  as time consumption

Participants
Speaker: Peggy Gulick - Director of Digital
Transformation, Global Manufacturing, AGCO
Corporation

Harnessing the power of LoRaWAN for
deploying your LPWAN IoT applications
1:00pm - 1:20pm
Track 2 - 5G & IoT Connectivity

- Choosing the right IoT connectivity for your
- The importance of LPWAN and LoRaWAN, the
defacto LPWAN standard
- Deployment considerations for IoT applications
  LoRaWAN deployment models and examples

Participants
Karthik Ranjan - North America Regional Vice-Chair,
LoRa Alliance®

Roundtable: 5G for Business - Stephanie
Atkinson, CEO, Compass Intelligence
1:00pm - 1:45pm
Track 3 - Edge Computing & AI

IIC Partner Workshop: Autonomy Beyond the
Car
1:15pm - 1:45pm
Ecosystem Summit (Free Content)

Robocars will make life better and more efficient. But
autonomous vehicles (AVs) that do everything drivers
can do are still years or even decades away. And since
operation with nobody in the car is critical for
economic viability, we need a way to help the AV with
"corner cases". The best way to enable AVs sooner is
to use human operators to suggest strategies when
the vehicle gets stuck. That requires vehicle fleets to
have control rooms. This session will examine the
potential and challenge of practical teleoperation,
including combining assistance strategies, control-
center design, cloud computing, and 5G connectivity. It
will also consider the architecture required to connect
in-vehicle control and remote oversight. These
systems should not be designed independently. AVs
need a consistent architecture for the vehicle, control
center, and cloud.

Participants
Stan Schneider - CEO, Real-Time Innovations (RTI)

Sensors and Cloud Connected Solutions for
Smart Industry
1:20pm - 1:40pm
Track 1 - Industrial IoT

In this session we will discuss today’s diverse
sensing technologies and how they can be applied to
condition monitoring in industrial predictive
maintenance applications for early detection of
potential failures. We will show how to connect
advanced Industrial Sensors to a Predictive
Maintenance Dashboard cloud application built with
AWS services. The dashboard provides a highly
functional and intuitive interface tailored for the
collection, visualization, and analysis of condition
monitoring data from motion and acoustic vibration
sensing elements, as well as temperature and other
environmental data.

Participants
Speaker: Ernesto Manuel Cantone - IoT Marketing
Manager, STMicroelectronics

Build an armored 5G network with enhanced
end-to-end security measures
1:20pm - 1:40pm
Track 2 - 5G & IoT Connectivity

- Going beyond just ‘good’: uncover what the major
  players are achieving to ensure their security
  systems are superior
- With 5G opening the gates for huge amounts of
  vulnerable data, how can businesses ensure that
  infrastructure is able to withstand hacking threats?
- Will the introduction of standardized features be
  enough protection?
- A look into industry-dedicated networks and private
  5G/LTE for added defence: understand how you
can effectively apply

Participants
Michele Berionne - Software Engineer, ETSI (Google)

Advanced Sensors for Condition Monitoring in
Smart Industry Applications
1:40pm - 2:00pm
Track 1 - Industrial IoT

- Minimizing operational downtime with connected
  sensors as well as mitigating the risk of equipment
downtime
- Moving beyond asset tracking to guiding assembly
  operations
- IoT Bluetooth Low-Energy devices joining RFID in
  asset management and tracking space to benefit
  productivity for manufacturers

The symbiotic relationship between edge
computing and 5G
1:40pm - 2:00pm
Track 2 - 5G & IoT Connectivity

- A look at how 5G will enable edge computing
  technologies: how this will ultimately impact the
  Internet of Things?
- Utilise the strength of high bandwidth for edge
devices and create a collaboration between the
  two technologies
- What effect will more secure connections which go
  hand in hand with 5G have on the edge?

Participants
Neil Shah - Partner & Research Director, Counterpoint
Research

Roundtable: Looking past COVID-19 for flexible
and sustainable IoT Solutions
1:45pm - 2:30pm
Track 3 - Edge Computing & AI
IIC Partner Workshop: Over-the-Air Silicon Updates for Programmable SoCs
1:45pm - 2:30pm
Ecosystem Summit (Free Content)

Traditional Over the Air (OTA) updates are known for delivering updates to only the system software. This presentation will introduce a secure methodology to now also update the functionality of the system hardware via the Rollouts service from the Bosch IoT Suite and RTI software. Using Xilinx Adaptable technology in conjunction with a secure cloud-based system from Bosch.IO, hardware updates can be instantaneously provided via RTI’s Connext Drive to all nodes in today’s connected vehicle. Connext Drive provides the connectivity framework, proven in operation and working closely with industry-standard organizations, such as AUTOSAR and ROS, to develop automotive frameworks and platforms that leverage the DDS standard. The presentation will conclude with a demonstration of this OTA Silicon methodology.

Participants
Kai Hackbart - Evangelist, Bosch Software Innovations
Stan Schneider - CEO, Real-Time Innovations (RTI)

Utilizing supply chain 4.0 to streamline and revitalize the manufacturing process
2:00pm - 2:30pm
Track 1 - Industrial IoT

• Using real-time data that synchronizes supply and demand to forecast accurate production cycles
• Creating supplier alliance/partnership programs like certification programs, cloud-based dashboards, asset tracking, and blockchain to ensure quality, efficiency, transparency, and traceability
• Customizing the supply chain for specific needs with strategic and tactical uses of technologies

Participants
Panelist: Kunal Punjabi - US Sector Head - Chemicals, Life Science & Healthcare, DHL
Moderator: Lucian Fogoras - Co-Founder and Managing Director, IoT-World
Panelist: Ed Chao - CEO, Polte
Panelist: Esteban Ibarra - Vice President, Business Development, KORE

Panel - Set the automotive industry in motion with 5G and vehicle-to-everything (V2X)
2:00pm - 2:30pm
Track 2 - 5G & IoT Connectivity

• Discover how 5G will enhance road safety with vehicle-to-vehicle communications whilst adhering to new government requirements
• Identify how 5G will truly enable the autonomous vehicle and the impact it will have on network infrastructure going forward
• Gain real understanding into the shift from vehicle-to-grid to V2X and the resulting opportunities which will arise
• Managing automotive data when everything is connected: where does ownership lie?

Participants
Moderator: John Canali - Principal Senior Analyst, IoT, Omdia
Panelist: Chris Pearson - President, 5G Americas
Panelist: Jim Misener - 5G Automotive Association Board of Directors, 5GAA
Panelist: Alex Gajano - General Manager - Americas Region, SIMCom

Afternoon Networking/Exhibition Visits/ Scheduled Meetings
2:30pm - 3:00pm
Track 1 - Industrial IoT

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2:30pm - 3:00pm
Track 4 - Developing IoT

Speaker AMA Room Open!
2:30pm - 3:00pm
Speakers AMA (Ask Me Anything!)

IIC Partner Workshop: Mitigating Wildfire Risk with Edge Computing and Energy Adaptive Networks
2:30pm - 3:05pm
Ecosystem Summit (Free Content)

Recent wildfires in Australia and California have recharged the debate about fire management, terrestrial ecosystem complexity and dynamical control in the wake of irreversible climate change. With a widening gap between utilities locked in aging, proprietary ecosystems, unable to deploy modern technologies based on shared, trusted, open systems, several IoT opportunities emerge. Energy adaptive networks OpenOPF (Optimal Power Flow), is a first step towards a series of new IoT technologies targeted at solving robustness trade-offs in the wake of catastrophic disasters that could be prevented at scale.

Participants
Michael Enescu - Founding CEO and Technology Evangelist, Energy Adaptive Networks

How AI Makes Us More Human
3:00pm - 3:20pm
Track 1 - Industrial IoT

• Robotics and AI revolutionizing the payment and banking industry, improving processes and efficiency

Participants
Speaker: Jeremy Balkin - Head of Innovation, HSBC
How AI Makes Us More Human
3:00pm - 3:20pm
Track 4 - Developing IoT
• Robotics and AI revolutionizing the payment and banking industry, improving processes and efficiency

Participants
Speaker: Jeremy Balkin - Head of Innovation, HSBC

IIC Partner Workshop: How to Successfully Navigate Security Guidelines Worldwide
3:05pm - 3:25pm
Ecosystem Summit (Free Content)
With each hack the security concerns surrounding IoT intensify. This has caused governmental institutions to act and provide IoT security guidelines and regulations to better protect their region. With many regulations and security standards being established it can be a challenge to decipher each standard to ensure worldwide compliance. In this talk we will discuss the evolution of government standards and how a standardized set of security requirements can speed time-to-security and protect devices and services that depend on their data. We'll touch on the PSA Certified program, which includes a framework for securing devices and an accompanying multi-level security assurance scheme. The scheme has a concise set of security questions combined with lab evaluation, that builds on years of investment in IoT security and neatly aligns with new guidelines and regulations. This allows device manufacturers to ensure IoT security best practice, covering the needs of multiple regions and successfully unlocking the ability to enhance businesses models with trusted data.

Participants
Jim Carver - Senior Manager Business Development, PSA Certified, Arm

Keynote Presentation: Towards Sustainable Connected Mobility
3:20pm - 3:40pm
Track 2 - 5G & IoT Connectivity
• Making decisions within the organization to ensure safety and satisfaction for the customer
• Maintaining eco-friendly ways and also helping the economy long-term

Participants
Speaker: Ralph Dimenna - Senior Vice President, Services and Solutions, Michelin

Keynote Presentation: Towards Sustainable Connected Mobility
3:20pm - 3:40pm
Track 3 - Edge Computing & AI
• Making decisions within the organization to ensure safety and satisfaction for the customer
• Maintaining eco-friendly ways and also helping the economy long-term

Participants
Speaker: Ralph Dimenna - Senior Vice President, Services and Solutions, Michelin

Keynote Presentation: Towards Sustainable Connected Mobility
3:20pm - 3:40pm
Track 4 - Developing IoT
• Making decisions within the organization to ensure safety and satisfaction for the customer
• Maintaining eco-friendly ways and also helping the economy long-term

Participants
Speaker: Ralph Dimenna - Senior Vice President, Services and Solutions, Michelin

IIC Partner Workshop: How to Secure the Internet of Things (IoT) with Blockchain
3:25pm - 3:45pm
Ecosystem Summit (Free Content)
Internet of Things (IoT) and blockchain are two technologies that are gaining popularity since their creation. While the IoT is transforming business processes and consumer behaviors, blockchain promises a number of salient features, such as decentralization, immutability, transparency, etc., which have great potential for tackling the security challenges faced by the IoT systems. This presentation will first talk about the IoT security challenges and the key features provided by blockchain, followed by the description of the blockchain reference architecture (https://www.trusted-iot.org/businesses) developed by Trusted IoT Alliance (TiToA). With the reference architecture in place, the focus will shift to integration of blockchain technologies into the IoT data lifecycle and discuss how to enhance its security with blockchain. The presentation will wrap up by identifying some challenges when merging the IoT and blockchain.

Participants
Xinxin Fan - Head of Cryptography, IoTeX

Accelerating the Cutting Edge of Industries with Big Data and Analytics
3:40pm - 4:00pm
Track 1 - Industrial IoT
• The emergence of big data analytics becoming key to analyzing IoT generated data from "connected devices"
• Helping to take the initiative to improve decision making within businesses
• The role of big data in IoT: processing a large amount of data on a real-time basis and storing them using different storage technologies to increase efficiency

Participants

Accelerating the Cutting Edge of Industries with Big Data and Analytics
3:40pm - 4:00pm
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Accelerating the Cutting Edge of Industries with Big Data and Analytics
3:40pm - 4:00pm
Track 3 - Edge Computing & AI

- The emergence of big data analytics becoming key to analyzing IoT generated data from "connected devices"
- Helping to take the initiative to improve decision making within businesses
- The role of big data in IoT: processing a large amount of data on a real-time basis and storing them using different storage technologies to increase efficiency

Accelerating the Cutting Edge of Industries with Big Data and Analytics
3:40pm - 4:00pm
Track 4 - Developing IoT

- The emergence of big data analytics becoming key to analyzing IoT generated data from "connected devices"
- Helping to take the initiative to improve decision making within businesses
- The role of big data in IoT: processing a large amount of data on a real-time basis and storing them using different storage technologies to increase efficiency

Networking Happy Hour
4:00pm - 5:00pm
Track 1 - Industrial IoT

Networking Happy Hour
4:00pm - 5:00pm
Track 2 - 5G & IoT Connectivity

Networking Happy Hour
4:00pm - 5:00pm
Track 3 - Edge Computing & AI

Networking Happy Hour
4:00pm - 5:00pm
Track 4 - Developing IoT
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<tbody>
<tr>
<td>8:00AM</td>
<td>8:30am - Welcome to IoT World Virtual Remarks by Zach Butler</td>
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<td>8:40am - IoT Market Updates and Forecast presented by Omdia</td>
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<td>9:00AM</td>
<td>9:00am - Unlocking IoT's Full Potential</td>
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<td>9:40am - Global IoT Connectivity: LPWAN to 5G</td>
<td>9:40am - Keynote Panel Discussion: Reshaping Technology and Business - How Businesses in IoT are Adapting to the New Normal</td>
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<td>10:00AM</td>
<td>10:00am - IoT Leader of the Year Shortlist Fireside Chat 3</td>
<td>10:00am - Networking and Meetings Time</td>
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<td>10:20am - Panel Discussion: How IoT is Tackling COV-19</td>
<td>10:20am - Becoming a Smart Factory on Wheels: How Highly Automated and IoT-Connected Vehicles are Enabling Farmers to Improve Productivity</td>
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<td>10:50am - Expo Times/Meetings</td>
<td>10:50am - Speaker AMA Room Open!</td>
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**Day One: Tuesday August 11, 2020 - 11/08/2020**

IoT World Virtual Conference & Expo 2020

**Virtual Event**
August 11 - 13, 2020
8:30 am - 5:30 pm PT

[mtm.knect365.com/iot-world](http://mtm.knect365.com/iot-world)
iotevent@informa.com
<table>
<thead>
<tr>
<th>TIME</th>
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</thead>
</table>
| 11:00AM  | 11:10am - Panel Discussion: Virtual teaching (theory and Lab) during the COVID-19 Pandemic  
11:40am - Thinaer Presentation | 11:00am - How to Make Sense of Data to Create a Seamless Interconnected System in your Workplace  
11:20am - Learnings on How To Realize Scalable IoT Value  
11:40am - Panel: Smart Manufacturing as a Driver for Business Outcomes – Investing in Industry 4.0 | 11:00am - EnerCera series: Innovation in IoT device power supply  
11:20am - How IoT Has Reshaped the Need for Greater Broadband Capacity and Security  
11:40am - Panel: Establishing a fully interoperable and standardized 5G landscape | 11:00am - Edge Computing Delivers ROI in Process Manufacturing  
11:20am - Squeezing Down to the Edge: Doing More with Less  
11:40am - Panel: Looking toward the High-Speed Future: Enhancing Connectivity and Business Opportunities with Edge | 11:00am - Safety and Security, Two Must-Haves for a Robust Product Life  
11:20am - What Edge Computing Can Learn from the Moon Landings  
11:40am - Panel: The Internet of Open Source Things |
| 12:00PM  | 12:00pm - IIC Partner Workshop: Welcome Remarks and Introductions to IIC  
12:10pm - Speaker AMA Room Open!  
12:55pm - IIC Partner Workshop: Next Generation of IoT Communication | 12:10pm - Networking /Exhibition Visits/Scheduled Meetings  
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| 1:00PM   | 1:15pm - IIC Partner Workshop: Autonomy Beyond the Car  
1:45pm - IIC Partner Workshop: Over-the-Air Silicon Updates for Programmable SoCs | 1:00pm - Digital Transformation: Seizing a Culture of Innovation in Manufacturing Supply Chain  
1:20pm - Sensors and Cloud Connected Solutions for Smart Industry  
1:40pm - Advanced Sensors for Condition Monitoring in Smart Industry Applications | 1:00pm - Harnessing the power of LoRaWAN for deploying your LPWAN IoT applications  
1:20pm - Build an armored 5G network with enhanced end-to-end security measures  
1:40pm - The symbiotic relationship between edge computing and 5G | 1:00pm - Roundtable: 5G for Business - Stephanie Atkinson, CEO, Compass Intelligence  
1:45pm - Roundtable: Looking past COVID-19 for flexible and sustainable IoT Solutions |
## SCHEDULE

**DAY ONE: TUESDAY AUGUST 11, 2020 - 11/08/2020**

<table>
<thead>
<tr>
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<td>2:00PM</td>
<td>2:30pm - IIC Partner Workshop: Mitigating Wildfire Risk with Edge Computing and Energy Adaptive Networks</td>
<td>2:30pm - Speaker AMA Room Open!</td>
<td>2:00pm - Utilizing supply chain 4.0 to streamline and revitalize the manufacturing process</td>
<td>2:00pm - Panel - Set the automotive industry in motion with 5G and vehicle-to-everything (V2X)</td>
<td>2:30pm - Afternoon Networking/Exhibition Visits/Scheduled Meetings</td>
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Day Two Opening Remarks
8:30am - 8:40am
Track 1 - IoT Security
Participants
Speaker: Robert Schmid - Chief Futurist aka Mr. IoT, Deloitte Consulting LLP

Day Two Opening Remarks
8:30am - 8:40am
Track 2 - Smart Environments
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Day Two Opening Remarks
8:30am - 8:40am
Track 3 - Business Resiliency
Participants
Speaker: Robert Schmid - Chief Futurist aka Mr. IoT, Deloitte Consulting LLP

Day Two Opening Remarks
8:30am - 8:40am
Track 4 - Smart Mobility
Participants
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IoT + AI = Digital Transformation?
9:00am - 9:20am
Track 1 - IoT Security
Participants
Speaker: Manohar Paluri - Director, Facebook AI, Facebook

IoT + AI = Digital Transformation?
9:00am - 9:20am
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IoT + AI = Digital Transformation?
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IoT + AI = Digital Transformation?
9:00am - 9:20am
Track 4 - Smart Mobility
Participants
Speaker: Manohar Paluri - Director, Facebook AI, Facebook

The uses of photo realistic 3D digital twins in industrial IoT
9:00am - 9:20am
Ecosystem Summit (Free Content)
Participants
Speaker: John Burton - CEO, UrsaLeo

Digitizing Industrial Automation - Fast, Flexible, and Free of Wires
9:20am - 9:40am
Track 1 - IoT Security
Participants
Speaker: Steve Carlini - Vice President of Innovation and Data Center, Schneider Electric

Digitizing Industrial Automation - Fast, Flexible, and Free of Wires
9:20am - 9:40am
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IoT Procurement Frameworks – 3rd Party Due Diligence Through the Channel
8:40am - 9:00am
Track 1 - IoT Security

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Digitizing Industrial Automation - Fast, Flexible, and Free of Wires
9:20am - 9:40am
Track 4 - Smart Mobility

The uses of photo realistic 3D digital twins in industrial IoT
9:00am - 9:20am
Ecosystem Summit (Free Content)

• Using digital twins as a way to fast prototype
• Using digital twins to monitor real time sensor data
• Using digital twins to perform remote control and maintenance
• Using digital twins as a reporting tool
• Using digital twins to simulate different scenarios
SESSIONS
DAY TWO: WEDNESDAY AUGUST 12, 2020 - 12/08/2020

Keynote Panel: Moving Beyond the Hype of AI, Edge and 5G – How the Convergence of Cutting Edge Technologies are Revolutionizing the IoT Landscape
9:40am - 10:10am
Track 2 - Smart Environments
- Using emerging technologies for business continuity during uncertain times
- Shift from cloud to edge
- Market trends & what we're seeing
- What we're excited about in the future of IoT

Participants
Moderator: Sam Lucero - Associate Director, IoT, Omdia
Panelist: Teresa Tung - Managing Director, Accenture
Panelist: Ashwani Dev - Digital and Data Science Officer, Halliburton
Panelist: Jonathan Weiss - Vice President, Emerging Technologies, Software AG

Keynote Panel: Moving Beyond the Hype of AI, Edge and 5G – How the Convergence of Cutting Edge Technologies are Revolutionizing the IoT Landscape
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Networking /Exhibition Visits/Scheduled Meetings
10:10am - 10:40am
Track 1 - IoT Security

Networking /Exhibition Visits/Scheduled Meetings
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Networking / Exhibition Visits/Scheduled Meetings
10:10am - 10:40am
Track 2 - Smart Environments

Networking / Exhibition Visits/Scheduled Meetings
10:10am - 10:40am
Track 3 - Business Resiliency

Networking / Exhibition Visits/Scheduled Meetings
10:10am - 10:40am
Track 4 - Smart Mobility

The importance of understanding why Cybersecurity is different from IT Security
10:40am - 11:00am
Track 1 - IoT Security
- Challenges and pitfalls that arise when IoT solutions are implemented – where are the IT Security ‘gotchas’ that Cybersecurity can help solve?
- What are the implications of generating, owning, storing, and protecting data, both internal company data as well as customer?
- What sorts of physical, hardware, and software need to be put into place to create a Cybersecure environment?

Participants
Speaker: Jeffrey Chavis - Chief Engineer (AOS / AQ Branch), Johns Hopkins University Applied Physics Laboratory

Cloud vs local: when and where to successfully integrate implemented devices
10:40am - 11:00am
Track 2 - Smart Environments
- Most devices are designed to be stand-alone rather than interactive, which can cause difficulties when trying to meet goals around automation, reliability, and cost savings.
- Where devices interact is critical: cloud-based devices create skyrocketing costs
- How do you promote successful integration of devices at a local level for day-to-day and immediate processes and save the cloud for longer-term, info based decisions?

Participants
Speaker: George Hernandez - Principal Technical Advisor Buildings-to-Grid Integration & Buildings Controls Program Manager, Pacific Northwest National Laboratory-PNNL

Utilizing the cloud for business continuity from security to flexibility
10:40am - 11:00am
Track 3 - Business Resiliency

Participants
Jeroen Leverman - IT Technology Director, NextEra Energy Resources

Confluence between the smart city and connected vehicle – what can be implemented in any community, town and city?
10:40am - 11:00am
Track 4 - Smart Mobility
- Intersection of autonomous & connected vehicles with smart infrastructure and smart cities
- Understanding the role of the connected vehicle, mobility applications and vehicle-to-infrastructure communication in the evolution toward a smart city
- Hear real world case studies and deployments focused on the smart car in the age of a digitally connected urban mobility ecosystem
- What is the role of connected vehicles in smart infrastructure?

Participants
Maarten Sierhuis - Chief Technology Director, Nissan Research Center, Silicon Valley, Nissan North America, Inc.

Startup Elevate Pitchoff: HackMD Inc
10:10am - 10:15am
Ecosystem Summit (Free Content)

Startup Elevate Pitchoff: ioNetworks Inc
10:15am - 10:20am
Ecosystem Summit (Free Content)

Startup Elevate Pitchoff: ITM
10:20am - 10:25am
Ecosystem Summit (Free Content)

Startup Elevate Pitchoff: Jeeva Wireless
10:25am - 10:30am
Ecosystem Summit (Free Content)

Startup Elevate Pitchoff: KiWi New Energy Inc
10:30am - 10:35am
Ecosystem Summit (Free Content)

Startup Elevate Pitchoff: LearningPal
10:40am - 10:45am
Ecosystem Summit (Free Content)

Startup Elevate Pitchoff: Lockists Co Ltd
10:45am - 10:50am
Ecosystem Summit (Free Content)

Startup Elevate Pitchoff: LUDO
10:50am - 10:55am
Ecosystem Summit (Free Content)

Startup Elevate Pitchoff: Mata Inventive
10:55am - 11:00am
Ecosystem Summit (Free Content)

Securing IoT Devices by Design
11:00am - 11:20am
Track 1 - IoT Security
The question every IoT stakeholder should be asking is: can I trust the data that I get from my IoT devices? After all, organizations only invest in IoT because they believe the additional data will lead to better decisions, improved productivity, or increased profits. Given this context, IoT security is a risky topic to neglect. Ultimately, the level of trust you obtain is down to the security work you do upfront.

Participants
Speaker: Duncan Jones - Senior Product Manager, Arm
Low-Power Wireless connectivity for smart environment

11:00am - 11:20am
Track 2 - Smart Environments

With smart environment applications requiring the need for wireless communication, the need for low power is essential. Learn about how Bluetooth, 802.15.4 and SubGHz are used in low power wireless connectivity for smart environment applications. Explore their advantages for each technology based for use in mesh and point to point applications.

Participants
Speaker: Colin Ramrattan - NA East Coast Staff System Solution Marketing Engineer, STMicorelectronics

Leveraging US government investments to conduct applied R&D

11:00am - 11:20am
Track 3 - Business Resiliency

How companies and universities can partner with the US National Science foundation to advance R&D, especially given the challenges and shortages generated by the COVID-19 pandemic.

Participants
Speaker: Danny Dig - Associate Professor of Computer Science, University of Colorado

Content in the connected car: Ecosystems, control, and revenue?

11:00am - 11:20am
Track 4 - Smart Mobility

As vehicles evolve towards autonomous driving, content consumption advances from fear of distraction, to relaxed living room experience. OEMs must create and nurture content ecosystems today in order to remain relevant in the autonomous future.

• Learn how SmartDeviceLink (SDL) enables the automotive industry to retain control by welcoming developers
• Maximizing vehicle data value for creating unique content
• Assessing market segments and customer adoption
• Examining the benefits of the connected car in the domestic and global automotive sector
• What technology will become reality? Where are OEMs putting their money?

Participants
Scott Burnell - Global Lead, Business Development and Partner Management, Ford Developer Program

Startup Elevate Pitchoff: Moldintel
11:00am - 11:05am
Ecosystem Summit (Free Content)

Startup Elevate Pitchoff: Nivid Technologies
11:05am - 11:10am
Ecosystem Summit (Free Content)

Startup Elevate Pitchoff: Outfit Rental
11:10am - 11:15am
Ecosystem Summit (Free Content)

Startup Elevate Pitchoff: Polymorph Systems
11:15am - 11:20am
Ecosystem Summit (Free Content)

Real cyber threats and best practices in smart manufacturing

11:20am - 11:40am
Track 1 - IoT Security

Participants
Speaker: Richard Ku - Sr. VP, Commercial IoT Business & Market Development, TrendMicro

360-degree automation systems that go beyond maintenance and cost savings

11:20am - 11:40am
Track 2 - Smart Environments

• Ex: Smart badge readers connected to the internal conference booking system as well as calendar planners and can reserve a conference room for an employee's early morning meeting
• Building automation isn't limited to HVAC, elevators, and cybersecurity systems
• It can include automation that directly interacts with the people using the building

Support safety measures in the plant against COVID-19: How are technologies like cobots being used for social distancing?

11:20am - 11:40am
Track 3 - Business Resiliency

Participants
Fabian Schmahl - President & CEO, thyssenkrupp Bilstein of America, Inc.

Telematics and the autonomous vehicle: Where are we now and what's coming next?

11:20am - 11:40am
Track 4 - Smart Mobility

Participants
Bich-Thuy Le - Director of Data Science and Machine Learning Engineering, AllState Insurance
**Panel: Business models that adapt to keep the building automation market moving forward**

11:40am - 12:10pm  
Track 2 - Smart Environments

- "As-a-service" models to maintain smart buildings systems and architectures in organizations that don’t have qualified management teams  
- Educating and expanding existing roles (ex: IT/OT staff) and filling new positions to modernize building management teams (data scientists)  
- Acquisition of technologies, technical partnerships, internal innovation

**Participants**

Moderator: Sasha Wedekind - Research Analyst | Energy, Navigant Research  
Panelist: Marta Soncodi - Director, IoT Technology & Technical Architect, Telecommunications Industry Association (TIA)  
Panelist: Mariel Devesa - Global Head of Business Development, Phyn

**Panel - Future-proof business models to bring collaboration and tech to the fore**

11:40am - 12:10pm  
Track 3 - Business Resiliency

- A look at how businesses are having to completely reshape traditional business models and structures in order to cope with the "new normal"  
- No one can thrive alone: Utilising collaboration both internally and externally to overcome COVID challenges  
- Exploring the tech being harnessed in order to make this transition easier, going beyond the "why" and into the "how"

**Participants**

Moderator: Bobbi Harris - Founder & CEO, Smart Water Smart City, LLC  
Panelist: Eric Helin - Senior Manager, Innovation, Exelon  
Panelist: Jeroen Leverman - IT Technology Director, NextEra Energy Resources  
Panelist: Greg Mischou - Managing Director, Technology Investment Banking, Atlas Technology Group

**Panel – New Tech Entrants: Opportunity for cross-industry partnerships or competition in the development of the connected car services**

11:40am - 12:10pm  
Track 4 - Smart Mobility

- Exploring the growing trend of connected car platforms from tech companies entering the automotive space and providing OEMs with new opportunities for innovation, growth and differentiation  
- Evaluating the benefit to tech companies in establishing a new customer interface through mobility services that involves high levels of interaction and engagement with drivers  
- Should automakers attempt to compete with tech players or partner with them?  
- Examples of successful partnerships - developing a common vision, goals and capabilities that deliver sustainable value for both parties

**Participants**

Moderator: John Canali - Principal Senior Analyst, IoT, Omdia  
Panelist: Philipp Dufeler - Senior Manager, Corporate Business Development, Porsche Cars North America, Inc.  
Panelist: Scott Burrell - Global Lead, Business Development and Partner Management, Ford Developer Program  
Panelist: Dennis Kengo Oka - Applications Engineer, Synopsys

**Startup Elevate Pitchoff: Thunderzee Ind**

11:40am - 11:45am  
Ecosystem Summit (Free Content)

**Startup Elevate Pitchoff: XMIGHT Corp**

11:45am - 11:50am  
Ecosystem Summit (Free Content)

**Startup Elevate Pitchoff: Yo-Kai Express Inc**

11:50am - 11:55am  
Ecosystem Summit (Free Content)

**Investor and Judges Pitchoff Feedback Session**

11:55am - 12:30pm  
Ecosystem Summit (Free Content)

**Participants**

Judge: Greg Mischou - Managing Director, Technology Investment Banking, Atlas Technology Group  
Judge: Ha Nguyen - Vice President, McRock Capital  
Judge: John Wong - Director, Ventures, Honeywell  
Judge: Chad Bailey - Associate, Nokia Growth Partners  
Judge: Sanjit Dang - Chairman and Co-Founder, U First Capital  
Judge: Safa Rashchy - Managing Director, Think Ventures  
Judge: Ammar S nephew - Managing Director, Woodside Capital Partners  
Judge: Deepak Sharma - CEO, Anjay Venture Partners  
Judge: Ben Steven - Associate Partner, Momenta Ventures  
Judge: Adam Tilow - Managing Director, Technology Investment Banking, Atlas Technology Group  
Judge: Arthur Mozowski - Managing Partner, Silicon Hill Ventures, LLC  
Judge: Simon Lee - Managing Director, Sapience Capital Partners  
Judge: Jordan Wahbeh - Managing Director, Bay Angels  
Judge: Ankur Saxena - Manager, Cisco Investments  
Judge: Arun Ramamoorthy - General Partner, Pinnacle Ventures  
Judge: Jeff Peters - Partner, Autotech Ventures  
Judge: Mitra Broomand - Associate, Autotech Ventures  
Judge: Khodor Kamarieh - Chief Technology Officer, Deutsche Bahn AG  
Judge: Gary Griffiths - Co-Founder & Managing Director, Wisdom LLP  
Judge: Smitashree Menon - Founder & CEO, theboardiQ  
Judge: Neda Blocho - Investor & Head of Studios Program, Avanta Ventures  
Judge: Dennis Chang - Investor, UL Ventures  
Judge: Babu Jain - Partner, Venture Fund Corp  
Judge: Sudhir Kadam - Venture Partner, FYDA Growth Partners  
Judge: Stephen Bernardes - Partner, Avanta Ventures  
Judge: Jonathan Burbaum - Venture Partner, Genoa Ventures  
Judge: Ekta Dang - CEO & Founder, U First Capital  
Judge: Greg Hoffman - External Innovation Program Manager, DuPont Ventures
Reimagining cyber security for connected 'things'

We envisioned a new way. As more things become connected, we are entering a new technology phase: We can redefine our future. The capability of IoT technology (across hardware, software and analytics) keeps marching on, but what are the challenges involved in bringing real projects to the market – especially in partnering between public/private organisations? What are the key applications, focus areas or outcomes that will drive the next round of investment (especially in a post-COVID world)? And what can we learn from existing projects in terms of technical and non-technical challenges or best practice?

Participants

Moderator: David Green - Research Manager - Wireless Power & Smart Utilities Infrastructure, Omdia
Panelist: Paul Hoekstra - Smart Technology and Networked Infrastructure, San Francisco Municipal Transportation Agency
Panelist: Albert Gauthier - Chief Technology Officer, City of Rochester
Panelist: Sara Brown - Vice President of Marketing, MultiTech
Panelist: Panelist: Jonathan Butts, PhD - Co-Founder, QED Secure Solutions
Panelist: Jord Tanner - Chief Technical Officer, Pliurelock Security
Panelist: Lei Wang - Chief Technical Officer, ADLINK Technology Inc
Panelist: Angela Corsaro - Chief Technology Officer, ADLINK Technology Inc
Panelist: Angelo Corsaro - Chief Technology Officer, ADLINK Technology Inc

Innovations in secure connectivity for IoT: True Zero-Trust Technology

We want you to:

• Be able to sleep at night and have piece of mind.
• Be an IT hero to your organization.

Empowering sustainable cities with Smart Grid modernization

The aim of this presentation is to help you understand the vision between the Eclipse IoT, Edge Native and Sparkplug working groups. You will also learn how you can leverage the most popular projects in the Eclipse IoT portfolio.

Participants

Frédéric Desbiens - IoT and Edge Program Manager, Eclipse Foundation
MQTT Sparkplug has launched! Now what?
2:00pm - 2:30pm
Ecosystem Summit (Free Content)

Over the past 20 years, MQTT has emerged as the dominant IoT message transport technology. Its ease of use and implementation (thanks in large part to the Eclipse Paho project) has led all of the major cloud service providers to offer MQTT as a way to get IoT data into their services.

But at some point, for MQTT based solutions to be interoperable within a given market sector, the Topic Namespace, Payload representation and session state must be defined. The intent and purpose of the Sparkplug specification is to define an MQTT Topic Namespace, payload, and session state management that can be applied generically to the overall IIoT market sector, but specifically meets the requirements of real-time SCADA/Control HMI solutions (for which it was originally invented for). Meeting the operational requirements for these systems will enable MQTT based infrastructures to provide more valuable real-time information to Line of Business and MES solution requirements as well.

The 'Internet of People' exploded due to a well known transport, HTTP, and a well known payload, HTML. For the IIoT to grow at the same rate MQTT has emerged as the well known transport and Sparkplug defines the payload.

Participants
Arlen Nipper - President and CTO, Cirrus Link Solutions

What is Edge Native?
2:30pm - 3:00pm
Ecosystem Summit (Free Content)

Edge computing is on the rise. In December 2019, the Eclipse Foundation launched the Eclipse Edge Native working group to address the challenges that make edge computing unique in relation to cloud and data center. In this presentation, you will understand what “Edge Native” means and how it represents a unique approach to Edge Computing. You will also explore real-world use cases from a variety of industries, and discover how Eclipse ioFog can be leveraged as a platform to support those use cases through integration with Eclipse IoT components such as Eclipse Streamsheets.

Participants
Kilton Hopkins - Co-founder and CEO, Edgeworx
Philipp Struss - Chief Executive Officer, Cedalo

IoT World Awards Ceremony - Open to everyone!
2:45pm - 3:45pm
Track 3 - Business Resiliency

Edge Cloud-Edge Interconnect: Doing it right with the Skupper project
3:00pm - 3:30pm
Ecosystem Summit (Free Content)

Cloud/Edge architectures present unique challenges to networking and communications that are not well met by TCP/IP and the Internet. In this session, we will introduce the idea of a Virtual Application Network and an implementation of this idea in the Skupper project. Emphasis will be placed on Skupper’s utility in edge computing use cases. Participants will also learn how Skupper provides advanced multi-site communications capabilities, security, and ease of deployment to developers and operators.

Participants
Ted Ross - Senior Principal Software Engineer, Red Hat
## Schedule

**Day Two: Wednesday August 12, 2020 - 12/08/2020**

<table>
<thead>
<tr>
<th>Time</th>
<th>Ecosystem Summit (Free Content)</th>
<th>Speakers AMA (Ask Me Anything!)</th>
<th>Track 1 - IoT Security</th>
<th>Track 2 - Smart Environments</th>
<th>Track 3 - Business Resilience</th>
<th>Track 4 - Smart Mobility</th>
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</thead>
<tbody>
<tr>
<td><strong>8:00AM</strong></td>
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<td>8:30am - Day Two Opening Remarks</td>
<td>8:30am - IoT Procurement Frameworks – 3rd Party Due Diligence Through the Channel</td>
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<td><strong>9:00AM</strong></td>
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<td>9:00am - The uses of photo realistic 3D digital twins in industrial IoT</td>
<td>9:00am - IoT + AI = Digital Transformation?</td>
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<td>9:25am - Startup Elevate Pitchoff: aidmics</td>
<td>9:40am - Keynote Panel: Moving Beyond the Hype of AI, Edge and 5G – How the Convergence of Cutting Edge Technologies are Revolutionizing the IoT Landscape</td>
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<td>9:30am - Startup Elevate Pitchoff: Carkit AI inc</td>
<td>9:35am - Startup Elevate Pitchoff: Cartesiam</td>
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<td>9:40am - Startup Elevate Pitchoff: CoolSo Inc</td>
<td>9:45am - Startup Elevate Pitchoff: Corporate Central</td>
<td>9:50am - Startup Elevate Pitchoff: DeCloak Intelligences Co</td>
<td>9:55am - Startup Elevate Pitchoff: DeepMentor Inc</td>
<td>9:50am - Startup Elevate Pitchoff: Corporate Central</td>
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itoevent@informa.com
## SCHEDULE

### DAY TWO: WEDNESDAY AUGUST 12, 2020 - 12/08/2020

<table>
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<tr>
<th>TIME</th>
<th>ECOSYSTEM SUMMIT (FREE CONTENT)</th>
<th>SPEAKERS AMA (ASK ME ANYTHING!)</th>
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| 10:00AM | 10:00am - Startup Elevate Pitchoff: FaceHeart  
10:05am - Startup Elevate Pitchoff: Giftpack Taiwan Inc  
10:10am - Startup Elevate Pitchoff: HackMD Inc  
10:15am - Startup Elevate Pitchoff: ioNetworks Inc  
10:20am - Startup Elevate Pitchoff: ITM  
10:25am - Startup Elevate Pitchoff: Jeeva Wireless  
10:30am - Startup Elevate Pitchoff: KiWi New Energy Inc  
10:35am - Startup Elevate Pitchoff: Leading North Advisors  
10:40am - Startup Elevate Pitchoff: LearningPal  
10:45am - Startup Elevate Pitchoff: Lockists Co Ltd  
10:50am - Startup Elevate Pitchoff: LUDO  
10:55am - Startup Elevate Pitchoff: Mata Inventive | 10:10am - Speaker AMA Room Open! | 10:10am - Networking /Exhibition Visits/Scheduled Meetings  
10:40am - The importance of understanding why Cybersecurity is different from IT Security | 10:10am - Networking /Exhibition Visits/Scheduled Meetings  
10:40am - Cloud vs local: when and where to successfully integrate implemented devices | 10:10am - Networking /Exhibition Visits/Scheduled Meetings  
10:40am - Utilizing the cloud for business continuity from security to flexibility | 10:10am - Networking /Exhibition Visits/Scheduled Meetings  
10:40am - Confluence between the smart city and connected vehicle – what can be implemented in any community, town and city? |

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<td>11:00am - Startup Elevate Pitchoff: Moldintel</td>
<td>11:00am - Securing IoT Devices by Design</td>
<td>11:00am - Low-Power Wireless connectivity for smart environment</td>
<td>11:00am - Leveraging US government investments to conduct applied R&amp;D</td>
<td>11:00am - Content in the connected car: Ecosystems, control, and revenue</td>
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<td><strong>11:05am - Startup Elevate Pitchoff: Nivid Technologies</strong></td>
<td><strong>11:20am - Real cyber threats and best practices in smart manufacturing</strong></td>
<td><strong>11:20am - 360-degree automation systems that go beyond maintenance and cost savings</strong></td>
<td><strong>11:20am - Support safety measures in the plant against COVID-19: How are technologies like cobots being used for social distancing?</strong></td>
<td><strong>11:20am - Telematics and the autonomous vehicle: Where are we now and what’s coming next?</strong></td>
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<td><strong>11:10am - Startup Elevate Pitchoff: Outfit Rental</strong></td>
<td><strong>11:40am - Panel: Creating Public/Private collaboration to fill the gaps in cybersecurity standardization</strong></td>
<td><strong>11:40am - Panel: Business models that adapt to keep the building automation market moving forward</strong></td>
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<td><strong>11:15am - Startup Elevate Pitchoff: Polymorph Systems</strong></td>
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<td><strong>11:20am - Startup Elevate Pitchoff: The Preferred Prepaid Inc, Xyzies</strong></td>
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<td><strong>11:25am - Startup Elevate Pitchoff: Singular Wings Medical</strong></td>
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<td><strong>11:30am - Startup Elevate Pitchoff: Sounds Great Co Ltd</strong></td>
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<td><strong>11:35am - Startup Elevate Pitchoff: SunJet-robotics</strong></td>
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<td>12:00PM</td>
<td>12:30pm - Partner Workshop: Eclipse IoT and Eclipse Edge Native: Making Sense of the Puzzle</td>
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<td>1:00PM</td>
<td>1:00pm - The zenoh protocol: Zero Overhead Pub/sub, Store/Query and Compute</td>
<td>1:30pm - Innovations in secure connectivity for IoT: True Zero-Trust Technology</td>
<td>1:30pm - Empowering sustainable cities with Smart Grid modernization</td>
<td>1:50pm - PANEL: Securing IoT Networks for the Homeland Security Mission</td>
<td>1:50pm - Afternoon Networking/Exhibition Visits/Scheduled Meetings</td>
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IoT World Virtual Networking Day
9:30am - 3:00pm
IoT World Virtual Networking Day
• Speed Networking Sessions AM/PM
• Structured 1-2-1 Networking Powered by AI
• Private Meeting Rooms
• Vertical Industries Networking Happy Hours
• Horizontal Technologies Networking Happy Hours

Virtual Exhibition Hours
9:30am - 3:00pm
Virtual Exhibition Hours
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