

THE INTERSECTION OF INDUSTRIES AND IOT TECHNOLOGIES

The global conference and exhibition where strategists, technologists and implementers connect, putting IoT, AI, 5G and Edge into action across industry verticals.

San Jose Convention Center, CA, USA

Executive Keynotes Days: April 6, 2020

Conference & Exhibition: April 7-8, 2020

Post Conference Workshops & Training: April 8, 2020

Previous IoT World Speakers Include:

The Strategists

CEO, COO, CIO, CTO, CDO, CISO, CFO

- Larry De Shon, CEO, **Avis Budget Group**
- Barbara Humpton, CEO, **Siemens USA**
- Philip Mezey, President and Chief Executive Officer, **Itron**
- Bonny Simi, President, **JetBlue Technology Ventures**
- Lutz Beck, CIO, **Daimler Trucks**
- Bask Iyer, CIO, **VM Ware**
- Juan Perez, CIO, **UPS**
- Claus Torp Jensen, CTO, **CVS Health**
- Alan Boehme, Global CTO, **Procter & Gamble**
- Claus Torp Jensen, CTO, **CVS Health**

The Technologists

Analytics, Data Science, Developers

- Jason Shepherd, IoT & Edge Computing CTO, **Dell Technologies**
- Chris Jones, VP Technology, **iRobot**
- Batchu Arun, Senior Director, Architecture, **Optum**
- Anthony James, Data Scientist/Senior Engineer, **Southern California Edison**
- Mohammed Chaara, Global Director, Data Sciences and Machine Learning, **UPS**
- Ted Kaouk, Chief Data Officer, **US. Department for Agriculture**
- Craig Williams, Principal Solutions Architect, IoT, **Amazon Web Services**

The Implementers

Architects, Engineers

- Magdalena Michniuk, Project Specialist AMI, **Con Edison**
- Stuart Sands, Principal Architect, **Kaiser Permanente**
- Bruce Pittman, Chief System Engineer, **NASA Space Portal**
- James Teal, Senior Software Architect, **Schneider Electric**
- Aaron Brown, Senior Engineering Manager, **Stanley Black & Decker**



IOT WORLD: THE INTERSECTION OF INDUSTRIES AND IOT TECHNOLOGIES



Informa Tech reserves the right to alter session topics and speakers. Contact zach.butler@informa.com for more information.

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The Intersection of Industries and IoT Technologies

IoT World is the global conference and exhibition where strategists, technologists and implementers connect, putting IoT, AI, 5G and Edge into action across industry verticals.

As North America's largest IoT event, IoT World brings you the top technologies, strategies, and case studies for the key industries implementing IoT.

Over four days, you will meet 12,500+ leaders and innovators from across the IoT community. The ultimate opportunity for you to get out of the office and build valuable connections all in one place.

The conference agenda includes keynotes and tracks covering industrial and consumer verticals, and technical focused sessions. Whether you are just starting out or want to scale your IoT projects, there is content designed for you.

The expo hall will be packed with 400+ exhibitors and startups ready to show you the latest technology solutions to make your IoT dreams a reality. Step into the future of IoT for business.

We look forward to seeing you next April 6-9 at the San Jose Convention Center!

New convergence focused conference tracks for 2020:



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<p align="center">DAY ONE – Executive Keynotes Day – Monday April 6, 2020</p> <p align="center">Executive Keynotes Day: 08.30am – 4.00pm Exhibition: 4.00pm – 6.00pm Awards Ceremony: 5.30pm - 8.30pm</p> <p align="center">Location: Grand Ballroom A</p>	
08:30 - 04:00	<p>IoT World Executive Keynotes Day <i>Keynotes will be announced on November 20, 2019. Keep an eye out for the exciting announcements!</i></p> <p>Topics will include: IoT Market Updates and Forecast presented by Informa Tech’s Research Teams - Ovum, IHS Markit Technology, Heavy Reaching and Tractica Welcome Address from the City of San Jose The State of IoT Adoption – Scale vs Revenue The Next Wave of IoT – The Convergence of 5G/Edge/AI to Deliver End to End Digitalization IoT + AI = Digital Transformation? Embedding and Integrating IoT with a complex ecosystem of partners Adopting and Delivering IoT Centred Digital Business Models Scaling POCs Across Your Business to Achieve ROI Digitizing Industrial Automation - Fast, Flexible, and Free of Wires IoT in Disaster Management: Saving Lives with Early Warning IT, OT, Technology and Business – Who and How do you Collaborate Internally and with Partners to Deliver your Desired Outcomes with IoT? Investing in IoT – Where are Investors Seeing the Returns? IoT Procurement Frameworks – 3rd Party Due Diligence Through the Channel</p>
<p>Other Actives held during the IoT World Executive Keynotes Day include:</p>	
12.40	Seated Executive Luncheon and LeadersIn IoT Roundtable Discussions
2.30	Meet and Greet with IoT World Keynote Speakers – Open to selected Press and VIPs only
4.00	Exhibition Opening for Executive Day attendees, Expo Booth Crawl Booth Crawl Commences
5.00	Founders Day at Startup Elevate, Powered by Founders Forum
5:30	VIP Power Hour/Pre-Awards Drinks Reception
06:30 - 8:30	IoT World Awards & Gala Dinner
	See more at https://tmt.knect365.com/iot-world/iot-world-awards



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DAY TWO – Tuesday April 7, 2020 Conference Times: 07.30am – 4.40pm Exhibition Times: 10.00am – 6.00pm Keynotes Location: Grand Ballroom A								
07.30 - 08.30	IoT in Industries Analyst Breakfast Briefings Manufacturing Supply Chain Smart Cities Healthcare Energy Automotive Consumer							
08.40 - 10.40	IoT World Executive Keynotes Day Two <i>Keynotes will be announced on November 20, 2019. Keep an eye out for the exciting announcements!</i> Topics will include: Securing the IoT – Getting’s Things Moving as “things” Take a turn for the Worse Management of Data Science Programs and Delivery of Projects Sustainable Connected Mobility Massive vs Tiny IoT – Commercializing IoT touchpoints via 5G, LTE-M, NB-IoT, LPWANs and Satellite							
10:40	Morning Break and Industry Vertical Networking							
	Manufacturing	Smart Buildings & Energy Management	Smart Cities	Connected & Autonomous Vehicles	IoT World 5G & Connectivity Conference	IoT World Artificial Intelligence Conference	IoT World Edge Computing Conference	IoT World Developer Conference
11:30	Chairpersons Opening Remarks	Chairpersons Opening Remarks	Chairpersons Opening Remarks	Chairpersons Opening Remarks	Chairpersons Opening Remarks	Chairpersons Opening Remarks	Chairpersons Opening Remarks	Chairpersons Opening Remarks
11:40	How to Make Sense of Data to Create a Seamless Interconnected System in your Workplace	Creating the smart environment that allows teams to make decisions based on real-time data	Fireside chat: Bridging the gap between solution, city and citizen: an honest discussion around divided business models and community consequences in	Customer Data: Mitigating Privacy and Security Concerns as New Services are Offered in the Connected Vehicle	5G 101: Taking the Internet of Things to the next level	Nothing ventured, nothing gained? An honest analysis of the ROI for enterprise AI	Harnessing AI and Edge for IoT Deployments: How AI is a Key Driver for the Success of Edge Computing and Processing Data	Exploring development challenges with IoT data

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			smart city partnerships					
12:00	Panel: Smart Manufacturing as a Driver for Business Outcomes – Investing in Industry 4.0	Panel: Reaping what has been sown: the realities of smart buildings	Panel: Resiliency roadmap: Partnering across Cities, utilities and emergency response to ensure public safety for natural disasters	Panel: New Tech Entrants – Opportunity for Cross-Industry Partnerships or Competition in the Development of the Connected Car Services	Panel: Establishing a fully interoperable and standardized 5G landscape	Panel: Facilitating “as-a-service” business models and the convergence of AI and IoT opening new avenues to revenue	Panel: Looking toward the High-Speed Future: Building Edge Infrastructure and Enhancing Business Opportunities	Panel: Managing the IoT Traffic Jam of Data
12:40	Lunch							
1.40	Becoming a Smart Factory on Wheels: How Automated Vehicles are Enabling Farmers to Improve Productivity	Smart metering in multi-tenant commercial buildings: A ‘how-to’ for helping everyone understand usage and make smart decisions based on real-time data	Investing in Digital Infrastructure: Expanding city-wide connectivity and exploring IoT enabled networks	How to Roll-out the Connected Car in Today's Market – US and Abroad	Ultra-reliable, low latency (URLLC) applications	Understanding the data collection process: breaking-down the business behind structured Vs unstructured data, open source data and building the (virtual) data warehouse	Monetizing the right data the Edge to reduce costs: From the source to the end	Standards and Protocols to Build your IoT Systems
2.00	AI and Machine Vision 101: Improving Quality of Processes	The Big Picture in granular detail: Increasing operational building performance by understanding the entire data story of a smart building	Mapping the city: Visualising data, developing digital twins, and unlocking cross-departmental approaches to build a smart city through virtual models	Putting Security at the Core of your Connected Vehicle Strategy: Hacks and Cyber Security Risks	Build an armoured 5G network with enhanced end-to-end security measures	Mitigating the challenges of deploying connected infrastructure and embedding AI capability into the built environment	Establishing the Edge: Redefining Infrastructure to meet the needs of the customer	From Sensors to Insights: Applying AI to IoT Data
2.20	Reviving the Workforce for Smart Manufacturing: Defining a new	Implementing Smart Building technologies successfully:	Building city resiliency with security-as-a-service roadmap	Evaluating the Impact of the Connected Vehicle	Take the reins of the new infrastructure 5G demands to	Latency matters: When – and where – to develop AI at the edge	Using Edge and Connectivity as the Backbone for your City – Creating	From Idea to Commercialization: Bringing an IoT Product to Life

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	Skillset within your Enterprise	Research, Plan, Execute		on the Insurance Industry	ensure successful implementation		Safety and Reducing Latency	
2.40	Bringing AI and IoT Together in Manufacturing: Revamping Smart Products in Manufacturing IoT	360-degree automation systems that go beyond maintenance and cost savings	Is there a financially viable and technically feasible city-first path to 5G?	Customer Adoption – Where are we Today? Where should we go Tomorrow?	NB-IoT and cellular technologies' role in a 5G world	Panel Discussion: Powering AI through Cloud and Edge convergence: dissecting the potential of a blended deployment model for enterprise	Securing your Device! Overcoming Cybersecurity Risks and Threats for your Data	Jump-start IoT Design
3.00	Upgrading your Legacy Device – Connecting your Device to the Internet of Things	Drive efficiencies and integrate solutions into all buildings through public/private partnerships	Re-imagining of multimodal mobility planning with city-wide data mapping	Confluence between the Smart City and Connected Vehicle - What can be implemented in any community, town and city?	LPWAN technologies and massive IoT applications		Edge Transforming the Retail Industry: Delivering Value to the Customer	Building a Pipeline of Technical Women
3.20	Afternoon Networking Break							
3.50	Leveraging the Digital Twin to ignite a Real-World System and Process in a Virtual Way	How digital twin technology is central to truly smart buildings	Empowering sustainable cities with Smart Grid modernization	Putting AV to the Test: The Ride Share Company Perspective	The symbiotic relationship between edge computing and 5G	How manufacturing industry has capitalised on virtual testing, digital threads and analytics as a tool for innovation	The Power of Adopting Edge Computing to the New Wave of 5G	Real-Time Java for IoT Gateways
4.10	Panel: Managing Connected Devices to Leverage Predictive Maintenance and Improve Operating Efficiencies – Where are we Now with	Panel: Business models that adapt to keep the building automation market moving forward	Panel: Why smart infrastructure starts with a smart utilities plan	Panel: Overcoming the Latest Legal and Regulatory Challenges Surrounding AV	Panel: Remote and hard-to-reach connectivity: a never-ending dilemma?	Panel: Securing AI integration into business infrastructure	Panel: Progressing Standardization for the IoT Edge Computing Ecosystem to Produce Successful and Efficient Results	Panel: Partnerships between Silicon, Hardware and Platforms to Develop Starter kits that Connect to the IoT in a Matter of Minutes

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	Predictive Maintenance?							
4.40 - 5.40	VIP Power Hour open to Speakers and VIPs							
6.00 - 9.00	IoT World's Networking Party!							

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DAY THREE – Wednesday April 8, 2020 Conference Times: 07.30am – 4.40pm Exhibition Times: 10.00am – 4.00pm Keynotes Location: Mission City Ballroom								
7.30 - 8.30	Enabling Technologies Analyst Breakfast Briefings 5G AI Edge Computing Security Blockchain Quantum Computing							
08.40 - 10.30	IoT World Executive Keynotes Day Three <i>Keynotes will be announced on November 20, 2019. Keep an eye out for the exciting announcements!</i> Topics will include: Mission Critical IoT – Public Safety and Critical National Infrastructure IoT and SpaceTech – Taking IoT Applications From out of Space to Deliver on Real World Use Cases Diversity and Inclusion – From the Grass Routes Perspective Uniting Talent, Tech and Education to lay the Foundations for new technical, strategic and commercial skills required to unlock opportunity in the age of IoT							
	Manufacturing	Supply Chain & Logistics	Energy & Resources	Connected & Autonomous Vehicles	IoT World 5G & Connectivity Conference	IoT World Artificial Intelligence Conference	IoT World Security Conference	IoT World Developer Conference
11.30	Chairpersons Opening Remarks	Chairpersons Opening Remarks	Chairpersons Opening Remarks	Chairpersons Opening Remarks	Chairpersons Opening Remarks	Chairpersons Opening Remarks	Chairpersons Opening Remarks	Chairpersons Opening Remarks
11.40	Implementing Cognitive Technologies in Manufacturing to make better planning and decisions	How cold chain remote monitoring will revolutionize the pharmaceutical supply chain	Harnessing the Internet of Things for a decentralised future with distributed energy resources (DERs)	New Trends in Connected Car Applications and Services	Prove the commercial business case and win buy-in for IoT applications	Building a Modular AI Framework: Created tailored AI as a solution for your business needs?	A multi-layered approach to cyber security solutions	Designing with Sensors Made Simple

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12:00	Panel: Making Data Smarter in the Connected Factory with Big Data Analytics	The role of cost-effective location monitoring within supply chain	Panel: Improve safety and prevent failures from upstream to downstream with predictive maintenance fuelled by IoT-drive sensor data	Panel: VC Perspective: Assessing What's to Come for the CV/AV Investment Landscape	Panel: Set the automotive industry in motion with 5G and vehicle-to-everything (V2X)	Panel: Smoothing the scaling process: Trials and triumphs from across the AI ecosystem	Panel: Creating Public/Private collaboration to fill the gaps in cybersecurity standardization	Panel: Developer case study: Next-Gen User Interfaces and Experiences
12.40	Lunch							
1.40	Futureproofing your Plant and Process with Remote Monitoring Solutions	Applying AI analysis to supply chain to go from a linear, history-based chain to an automated, flexible, and accurate network	Green is the new black: IoT's role in spearheading the energy generation transformation through solar and alternative sources	Examining Trials and Pilots for Autonomous Vehicles	Has the advent of 5G and its impact on connectivity technologies moved us closer to a remote healthcare future?	Natural language processing, consumer personalisation and the makings of modern marketing?	The expansion of GDPR and using Cybersecurity combat privacy fears	The Fast and the Curious: Smart Roads to Better, Safer IoT
2.00	Lessons from the Experts in IT/OT Integration and Interoperability	Blockchain's ability to reliably manage supply chain	Navigate your way through the IoT-fuelled energy transition expertly with new business models	Future Trends in Electric Mobility – Increasing Adaption Rates	Empowering IIoT in the smart factory with enhanced connectivity and 5G	Architecture case study: Building the modern workplace through data-driven design	Creating cybersecurity that is robust enough for threats now but smart and resilient for threats in the future	A “how-to” presentation: Predictive analytics for IoT data
2.20	Utilizing Big Data to Bring Value to Business and Digital Transformation	Streamlining and improving a network of decentralized distribution centers to maintain high levels of customer service	Energy-as-a-service: A look at how IoT can give you back your competitive edge amid customer modernisations	Transformation of Human Mobility	Strengthening profits for farmers through enriched connectivity solutions	Where can Machine Learning help establish a more affordable, reliable and sustainable energy network	Artificial Intelligence and Cybersecurity – combining traditional techniques with cutting edge AI to outfox the hackers	Best Practices Using MQTT to Connect Millions of IoT Devices
2.40	Safety First: Cybersecurity Risk Assessment in IIoT	Utilizing the right platform to build a sustainable and	Are you prepared for the next hacking attack? Next steps	Connected Car Connectivity - A Network of	A new dawn for critical services with 5G at the core	Preparing for the evolution of AI automation: aligning	How a standardized cyber resiliency test model created for	Operationalising Machine Learning in The Enterprise –





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		traceable agricultural supply chain	for cybersecurity in an increasingly vulnerable industry	Networks – 5G, DSRC & CV2X		RPA, predictive maintenance and effective deployment for tangible ROI	the military can be adapted to the private sector	Platform Specific Training for Data Scientists and Engineers
3.00	Afternoon Networking Break							
3.30	5G For Manufacturing – Hype or Hope?	Strategy is key: creating an enabled environment able to manage IoT-based supply chains	Enabling the digital energy workforce of the future	EDGE – Impact on OEMS	Propelling smart cities into the future with 5G	Cognitive analytics and leveraging Machine learning in the Finance industry	The role of Cybersecurity as part of a comprehensive Edge Computing solution	Opensource IoT and Edge
3.50	Panel: How Track and trace Programs are Revolutionizing Manufacturing by Reducing Human Error	Panel: Utilizing supply chain 4.0 to streamline and revitalize the manufacturing process	Panel: Upgrading aging infrastructure in oil and gas industries: Moving towards an interoperable and connected future	Panel: Confluence between the Smart City and Connected Vehicle - What can be implemented in any community, town and city?	Panel: Could 5G be the cement which connects and leads the way towards smart(er) buildings?	Panel: Re-imagining work in the era of AI – Navigating the ethics, limitations and opportunities as AI as a tool for human creativity within businesses	Panel: Working together to create cities that are as secure as industries and organizations	Presentation from the Winners of the 2019 IoT World Hackathon – What Happened Next?
4.30	End of IoT World 2020 – see you in 2021!							

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DAY FOUR – Post Conference Workshops & Trainings – Thursday April 9, 2020

09.00am – 5.00pm

Workshops			Training	Co-located Conference
Intelligent Transport Systems 	IoT in the Channel 	Eclipse IoT Day 	Informa Tech Training Day 	Silicon Valley AgTech Conference

Press coverage at IoT World:

- Tech Republic – [6 things keeping IoT pros up at night](#)
- Wall Street Journal - [HP Enterprise Joins Internet of Things Platform Wars](#)
- Wireless Week - [Internet of Things World - Day 1 in Tweets](#)
- ZDNet - [What keeps IoT executives up at night?](#)
- Business Wire – [GE, Target, Coca-Cola and Johnson & Johnson Executives to Speak at World’s Largest Internet of Things Conference & Expo](#)
- ABC 7 KGO - [INTERNET OF THINGS' CONFERENCE HELD IN SANTA CLARA](#)
- Forbes - [IoT And Supply Chain Management: A Roadmap For Fast Followers](#)
- Forbes - [IS CIOTO The Next C Level Position And Other Ideas From IoT World](#)
- IOT Journal - [Platforms, Partnerships, and Wide Area Networks Dominate Industry Event](#)
- TechTarget - [IoT consumer technologies raise ethical questions](#)
- Business Insider - [Hitachi announces IoT group and platform](#)
- EETimes - [18 Views of an IoT World](#)
- M2M Magazine- [SAP Expands Its Internet of Things \(IoT\) Offerings](#)
- IoT World Today – [IoT World Award Winners Announced](#)
- IEEE - [2019 IoT World: Verizon’s Narrowband IoT \(NB-IoT\) Network now covers 92% of U.S.](#)
- IoT Agenda - [As Phoenix emerges from recession, smart city initiatives move front and center](#)

PLUS – Live coverage from all 3 days at IoT World in 2019 can be viewed here: <https://www.iotworldtoday.com/2019/05/10/live-from-iot-world-in-santa-clara/>

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Get an Edge on Your Digital Future | Bask Iyer,
Dell Technologies & VMware



IoT a Key Enabler for Recurring Revenue |
Bernd Gross, SoftwareAG



Shamik Basu, Head of IoT Platforms at Verizon,
Talks "5G in an IoT World"



Barbara Humpton, CEO, Siemens USA,
"IoT & AI" Keynote Presentation



Alan Boehme, CTO, P&G presents on
"Edge Computing"



IBM "Leveraging Artificial Intelligence to
Maximise returns in MFG"

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