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AI SYSTEMS SUMMIT INDUSTRY 4.0

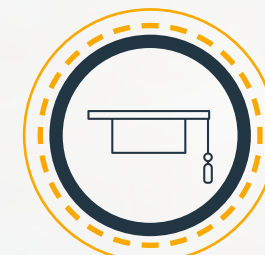
June 8-9, 2021 • Virtual Event – Live & On-Demand

10:00AM – 4:00 PM (US EDT Timezone)

Converging AI systems architecture and applications
to accelerate industrial transformation

www.aisystemsindustry.com

BENEFITS



Take away actionable lessons on deploying and integrating AI systems with case studies from **KION, Stanley Black & Decker, UPS and Meritor.**



Improve AI products with systems design and engineering insights from **Landing AI** and **READY Robotics.**



Meet start ups redefining computer vision in manufacturing like **Invisible AI** and **Overview AI.**



Forge a path through your AI deployment struggles with use case-driven guidance from **Bosch** and **Hitachi Vantara.**

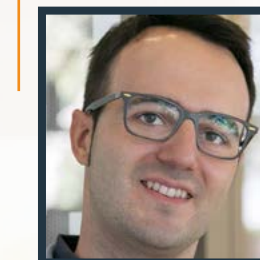
FEATURED SPEAKERS



Dirk Slama
VP, Co-Innovation &
IT/IoT Alliances
Bosch



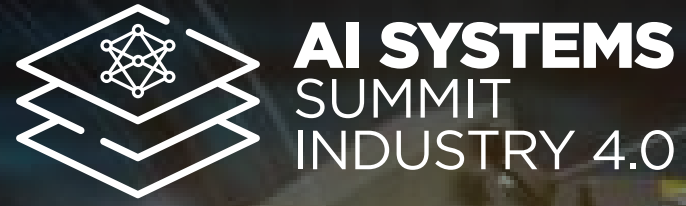
Paul Lewis
Global CTO
Hitachi Vantara



Juan Aparicio Ojea
VP, Product
READY Robotics



Kai Yang
Head of Product
Landing AI



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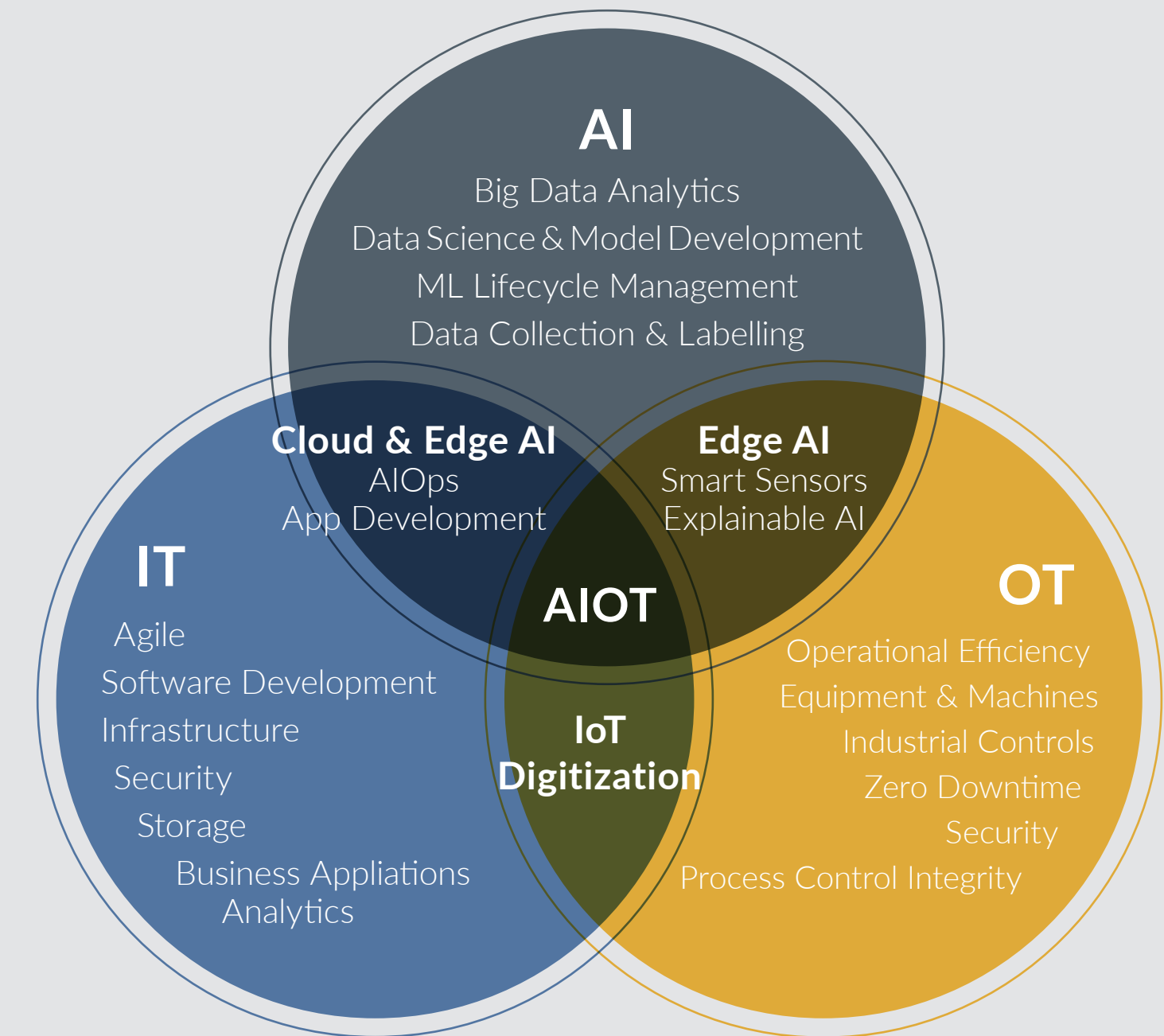
AI IN THE INDUSTRIAL AUTOMATION TECHNOLOGY PORTFOLIO

AI Systems Summit: Industry 4.0 is the must attend summit focusing on deploying artificial intelligence & autonomy in the next stage of evolution for manufacturing and industrial processes.

The summit sits at the intersection of technology and strategy, with focused days serving both the technologists who are grappling with designing and deploying intelligent systems, and the IT/OT/Innovation strategists who are tasked with accelerating transformation through new business models in a digitize or die market.

WHAT YOU WILL LEARN:

- How **AI fits in the industrial automation technology portfolio** – where edge computing and machine learning adds value.
- How **manufacturers have digitized their operations** to collect enough data to deploy AI. How to get started with AI in manufacturing.
- How to **overcome industry-specific AI deployment** and post-deployment scenarios at scale.
- What **leaders in industry have learned** from spearheading digital transformation efforts and AI deployments.
- How to **overcome systems design & engineering challenges** to develop plug ‘n’ play AI solutions for manufacturers & industrial enterprises.
- Good practices to **master the AIoT journey**, ranging from AIoT-enabled business models down to technical topics like AIoT DevOps.
- How **emerging technologies** (deep learning in computer vision, AI hardware) are creating new possibilities for AI in manufacturing.



ALL ATTENDEES SAVE 20% ON KISACO LEADERSHIP CHART INDUSTRY REPORTS

Learn more about our industry-leading analyst reports on ML Lifecycle Management tools, Engineering ALM Tools & AI Hardware Accelerators and other relevant topics to this industry.

LEARN MORE



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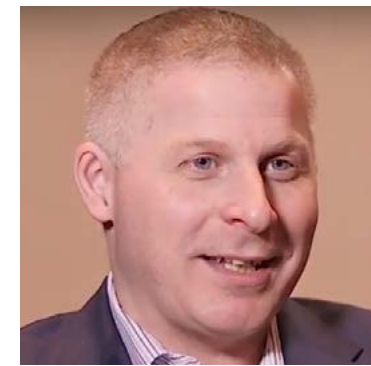
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MEET THE SPEAKERS



Dirk Slama
VP, Co-Innovation & IT/IoT Alliances
Bosch



Paul Lewis
Global CTO
Hitachi Vantara



Gregory Brown
VP, Strategy & R&D, Advanced Technology Group
UPS



Christopher Nichols
Director, IT/OT Resiliency & Support
Stanley Black & Decker



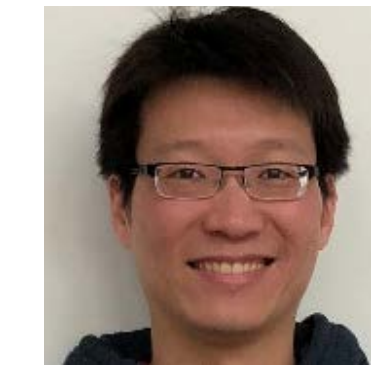
Aravind Rajendra Kumar
Senior Solutions Architect
Meritor



Youngjun Choi
Senior Research Scientist
UPS



Juan Aparicio Ojea
VP, Product
READY Robotics



Kai Yang
Head of Product
Landing AI



Kristian Hulgard
GM, Americas
OnRobot



Shih-Chang Lin
Director, iFactory Solution Product Division
Advantech



Jonathan Hou
President
Pleora Technologies



Eric Danziger
Co-Founder & CEO
Invisible AI



Austin Appel
Co-Founder
Overview AI



Smadar David
Co-Founder & CEO
Vanti Analytics



Daniel Weimer
Head of AI, Americas
Volkswagen Group



Mike Loughran
CTO, UK & Ireland
Rockwell Automation



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DAY ONE | JUNE 08, 2021 | 10:00AM – 3:30PM EDT | TECHNOLOGY

10:00 – 10:25 AM EDT

OPENING KEYNOTE: AI in Manufacturing: Where Can Edge Computing and Embedded Machine Learning Add Value?

- The status quo of industrial automation - where is AI needed?
- Blending AI with traditional automation - when do data-driven methods beat traditional control?
- Technology trade-offs and design choices for intelligent automation systems

Juan Aparicio Ojea – VP, Product: **READY Robotics**

10:35 – 11:00 AM EDT

PRESENTATION: Overcoming Industry-Specific AI Deployment and Post-Deployment Scenarios.

- How do you leverage existing infrastructure such as cameras and software?
- Deep-dive into the challenges of adding machine learning into a world of programmed legacy systems.
- What happens once an AI system is deployed - how do you retrain?

- Applications in industry for cutting-edge AI R&D (i.e. TinyML/Edge AI, reinforcement learning, federated learning)

Jonathan Hou – President: **Pleora Technologies**

11:00 – 11:35 AM EDT

PRESENTATION: AI at Scale: How VW Productionizes AI Solutions: Moving From Idea to AI Product

Daniel Weimer - Head of Artificial Intelligence, Americas: **Volkswagen**

12:00 – 12:40 PM EDT

PANEL: Improving Industrial Computer Vision with Deep Learning: Building Scalable, Plug ‘N’ Play Solutions for Manufacturers.

- How deep learning is allowing for new approaches to vision systems in manufacturing
- Approaches to on-device computer vision products for manufacturing
- Data collection and availability

Eric Danziger - Co-Founder & CEO: **Invisible AI**

Austin Appel – Co-Founder: **Overview AI**

1:00 – 1:25 PM EDT

NETWORKING: Virtual Networking Roulette

Randomized Networking Discussion Groups (3 People Per Group) - 2 x 10 Minute Slots

1:30 – 1:55 PM EDT

TECHNICAL CASE STUDY: Building High-Accuracy, Low-Latency Inspection Systems Based on Deep Learning: An End-to-End Product Breakdown

Kai Yang – Head of Product: **Landing AI**

2:00 – 2:25 PM EDT

TECHNICAL CASE STUDY: Designing and Deploying the Next Generation of Mobile Autonomous Systems for Logistics

Youngjun Choi – Senior Research Scientist: **UPS**

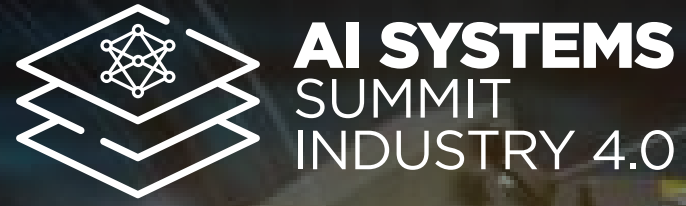
2:30 – 3:30 PM EDT

NETWORKING: Networking Power Hour (Instant Messaging, 1-2-1 Meetings)



The size and complexity of models is outpacing the growth in AI acceleration that we, the industry, have achieved over the last couple of years. Currently only hyperscale companies like ours can make this up through scaling the hardware (thousands of systems) and by dedicating networking equipment that is commensurably power hungry and expensive. There is no sign that the brute force era is ending anytime soon, so we continue to invest in chips and systems which can handle mega models and reduce overall cost.”

Marc Tremblay, Distinguished Engineer, Microsoft



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DAY TWO | JUNE 09, 2021 | 10:00AM – 3:30PM EDT | STRATEGY

10:00 – 10:25 AM EDT

OPENING KEYNOTE: AIoT: A Clash of Three Worlds - The Manufacturing World, the Agile Development World and the AI World

Bosch is looking at AIoT as the paradigm which will dominate digital transformation for the decade to come, since AIoT is the foundation for building smart, connected products. The clash of the worlds of AI/IT and OT is not an easy transition to manage.

This session will discuss some of the good practices to master the AIoT journey, ranging from AIoT-enabled business models down to technical topics like AIoT DevOps.

Dirk Slama – VP, Co-Innovation & IT/IoT Alliances: **Bosch**

10:35 – 11:15 AM EDT

INDUSTRY LEADERS PANEL: What Leaders in Industry Have Learnt from Spear-Heading Digital Transformation Efforts and AI Deployments

- Change Management and Evangelization - preparing the organization.
- IT/OT convergence pitfalls and lessons on how to stay robust and resilient.

- Running PoCs and Pilots - what to look out for
- AI in Production - what scale looks like

Christopher Nichols – Director, IT/OT Resiliency & Support: **Stanley Black & Decker**

Michael Thierschmann – VP, Operational Excellence: **KION**

11:30 – 11:55 AM EDT

CASE STUDY: How Meritor, a 112 Year-Old Manufacturing Company, Digitized its Operations to Prepare for AI

Many manufacturers are still in the position of not having fully-digitized operations which produce sufficient data for the training of AI models. Before we talk about what AI can deliver for manufacturers at scale, we must first talk about manufacturers can evolve into data-driven organizations. Now, within months of their first AI deployment, Meritor will talk about the lessons learned on the journey that has brought them to this point, and about their strategy for embedding intelligence into their future operations.

Aravind Rajendra Kumar – Senior Solutions Architect: **Meritor**

12:10 – 12:50 PM EDT

Roundtables

Focused discussions in a room led by a moderator(s) discussing a particular industry issue. Join the debate and network with the other attendees

DISCUSSION TOPIC 1: Getting Started in AI in Industry - Sharing Experiences

DISCUSSION TOPIC 2: Edge Computing & AI - Applications in Industry

DISCUSSION TOPIC 3: IT/OT Convergence & Planning

1:10 – 1:50 PM EDT

PANEL: Use Cases of AI in Industry 4.0 Panel

- Where AI is adding value for manufacturers and industrial companies today
- Identifying opportunities for AI within businesses and operations
- How to select partners and vendors for PoCs and pilots

Kristian Hulgard – GM, Americas: **OnRobot**

Paul Lewis – Global CTO: **Hitachi Vantara**

Greg Brown – VP, Strategy & R&D, Advanced Technology Group: **UPS**

Mike Loughran – CTO, UK & Ireland: **Rockwell Automation**

2:00 – 2:25 PM EDT

CASE STUDY: A Multi-Site Predictive Maintenance Deployment in KION – How AI Fits Into the Automation Technology Portfolio

KION is at the end of a long digitization process across its entire manufacturing operations and has successfully deployed a predictive maintenance solution across multiple plants which runs algorithms on OT data to detect faults. Michael will talk about how they are using AI to augment the insights that they gain from this deployment.

Michael Thierschmann – VP, Operational Excellence: **KION**

2:30 – 3:30 PM EDT

NETWORKING: Networking Power Hour (Instant Messaging, 1-2-1 Meetings)

WHO WILL BE THERE?

ATTENDEES FROM ACROSS THE PORTFOLIO

Companies



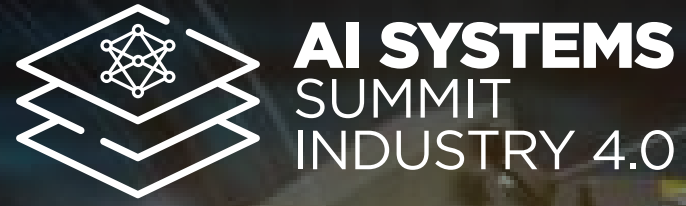
- 35% AI for Industry 4.0 Solution Providers (Systems, Software, Platforms)
- 25% Technology Providers (Compute, Memory, Storage, AI Optimization)
- 20% End user manufacturing/industrial OT (Operations)
- 20% End user manufacturing/industrial IT (Innovation/Digital Transformation)

Manufacturing/Industrial End Users

- CTO / CIO
- Plant Managers
- Technical Leads/Architects: AI, Computer Vision,
- VP/Head/GM/Directors of:
 - AI
 - AIoT
 - Automation
 - Digital Transformation
 - Innovation
 - IT/OT convergence
 - Operational Excellence
 - Quality Control
 - Robotics
 - Smart Manufacturing/Smart Factory

Technology Ecosystem

- **VP/Head/GM/Directors of:**
 - Business Development
 - Engineering
 - Product
 - Strategy
- **Technologists (engineers, architects, product managers, data scientists, research scientists) focused on:**
 - AI Hardware & AI Acceleration
 - Autonomous Systems
 - Computer Vision
 - Digital Twins
 - Edge computing
 - Embedded Machine Learning
 - Federated Learning
 - Predictive Maintenance
 - Reinforcement Learning
 - Robotics



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PARTNERING OPPORTUNITIES

We have helped major multinationals and emerging start-ups to position themselves and grow their brands and businesses in the technology sector. Through our world-renowned events, and now also through expert research analysis and marketing services, we've built a proven track record of connecting companies with customers, partners and capital.

We have helped launch companies like Habana Labs into the market (later acquired by Intel for \$2B), produced unique vendor comparison reports, and helped in the product launch strategies of companies including Qualcomm, Intel, Groq & Mythic. We've helped connect ecosystem players like Microsoft with partners and customers in the Edge AI space, and have generated sales leads through virtual events and webinars for partners like Synopsys, Cerebras and Untether AI.

As always, we stay true to why we do what we do – we put the inventors and architects at center stage of the AI revolution, and help them maximize the impact of their work on the world.

If you want to use our events, reports or marketing services as to reach the high quality, global network of technologists that we have built, get in contact with our sponsorship team - we can help you overdeliver on your commercial objectives in high tech markets.

Sponsor Level	Thought Leadership (keynote, presentation, workshop opportunities)	Brand awareness	Networking (exhibitor booth & networking facilitation options)	Branding level
Platinum	✓	✓	✓	Premium
Gold	✓	✓	✓	Superior
Silver		✓	✓	Superior
Event Partner			✓	Standard

Benefits of Sponsoring a Virtual Event:

DIVERSE BRANDING OPPORTUNITIES – for those looking to partner on the virtual events, there are lots of branding opportunities through different booth formats, banners, logo placement, thought leadership etc.

INSIGHTS – using analytics, we can help you benchmark and stay head of industry trends. We can also share audience insights on job titles, seniority and geography of attendees, so you know this is the right event to match your business needs

Private networking functions and thought leadership opportunities also available.

For further details or to create a tailored solution, please contact:

Ben Edwards, Commercial Director
Partner@kisacoresearch.com
+44 203 897 6805

*Range of options available

PAST PORTFOLIO PARTNERS



The quality of the sessions, attendees and management of the event were superior. Having 1 auditorium for all of the sessions enables attendees to attend all of the sessions without having to choose between two sessions being presented at the same time. Given all of this we plan on participating in the next summits internationally.

Mathilde Karsenti, Marketing Programs Manager, Mentor, **A Siemens Business**



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OUR PLATFORM: THE VIRTUAL EXPERIENCE

TOP 10 BENEFITS OF DIGITAL

- 1 Tailor Your Agenda
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- 4 On-Demand Content
- 5 High Quality Speakers
- 6 More Networking Opportunities
- 7 Save Time & Money
- 8 Increased Content
- 9 More insights
- 10 Business Development Opportunities

**TALK TO OUR TEAM
TO FIND OUT MORE**

VIRTUAL CONTENT DELIVERY AND NETWORKING

- ✓ Book 1-to-1 meetings with attendees, speakers, and sponsors
- ✓ Participate in *Virtual Networking Roulette* – Randomized groups of 3 for speed networking!
- ✓ In-depth presentations with Q&A
- ✓ Focussed Discussion Groups
- ✓ Live Panels
- ✓ Discounted access to analyst reports

PRICING

Package	Super Early bird (ends April 9, 2021)	Early bird (ends May 7, 2021)	Standard rate
Researchers and End Users	\$199	\$299	\$399
Technology suppliers & AI Solution providers	\$399	\$599	\$799

ADDITIONAL DISCOUNTS ACROSS THE SERIES

Software for AI Optimization | June 8 - 9, 2021

Are you or a colleague also interested in attending Software for AI Optimization? We're offering registrants an exclusive buy one, get one half price offer. To claim, and save 50% on a pass to attend AI Systems Summit Industry 4.0, use code **INDUSTRY50** when registering online.

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Team discounts are only valid on industry rates and not in conjunction with any other offer or promotion. Payment Terms: Please note that all prices are plus VAT and a \$79 processing fee will apply to any invoices requested. All Prices are in USD. All Early Bird discount prices, including Group Discounts, must be paid in full by deadlines provided above. No discount offers can be combined with any other offer. Please view our Cancellation Policy. QUESTIONS? Please email events@kisacoresearch.com.