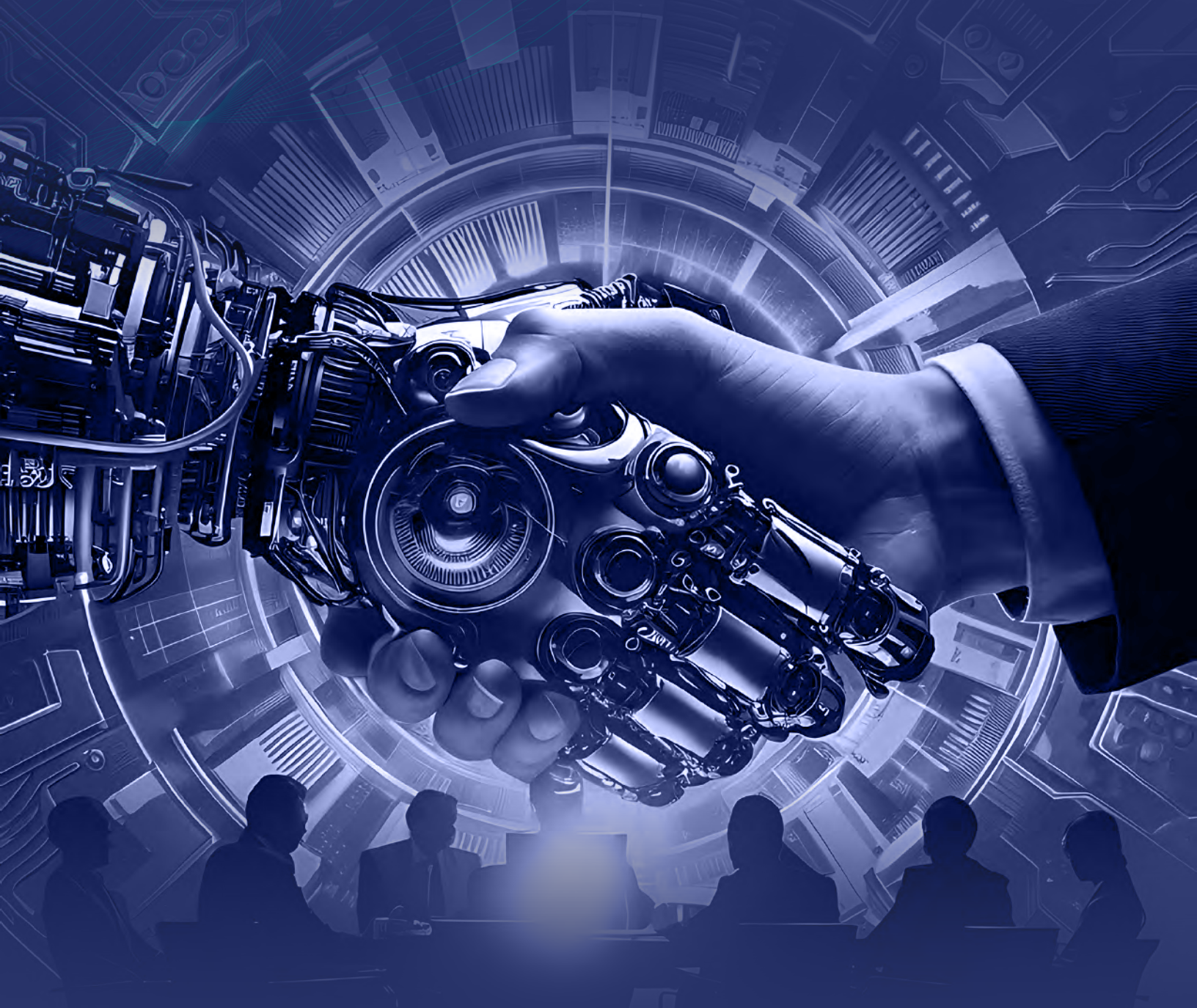


AGENTIC AI + DECISION INTELLIGENCE

Nov 21st • Kimpton Sylvan Hotel • Atlanta, GA



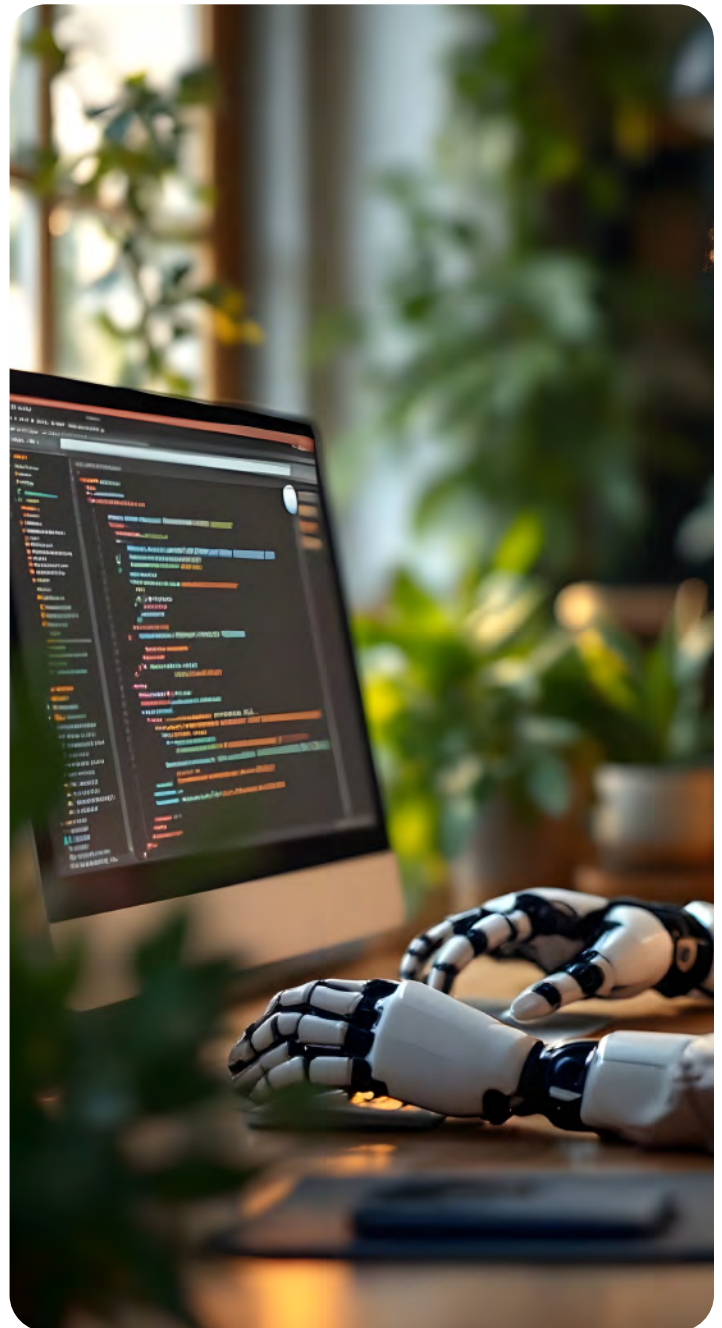
JOIN US FOR AGENTIC AI + DECISION INTELLIGENCE

an exclusive one-day seminar **presenting real-world** examples and success stories demonstrating compound efficiency gains of over 500%, reduced operating costs by 20x, and automating 70% of previously manual knowledge work!

AI is everywhere, yet its potential is realized almost nowhere. Despite the exploding number of GenAI tools, the disconnect between expectations and reality remains significant. **AI-powered automation must unlock the potential of the human workforce, not by mimicking but extending human capabilities.**

Unlike the first wave of genai limited to generating answers or content, **the new wave of AI can act**— moving beyond information to action. This is Agentic or Agent AI, able to function as a digital worker capable of executing tasks, collaborating with humans, and dynamically adapting to new challenges. But for AI to be trusted to take action, it must be a **“glass box”**—**actionable AI needs to explain its reasoning clearly for every action it takes, rather than operating within a black box as it typically does today.**

This is the promise of human-centric automation—ensuring every automated outcome is observable, explainable, and accountable. Leveraging combined forces of Agentic AI and decision intelligence, human-centric automation delivers human-like capabilities: **the same work as performed by humans but with the efficiency, accuracy, and predictability otherwise only possible through automation.**





Through intensive but engaging discussion, this seminar will present how **Agentic AI combined with Decision Intelligence** enable Agents to work smoothly with humans, while ensuring both transparency and adaptiveness. We will explore frameworks including **Cognitive Architecture** and the **OODA Loop** to focus design efforts the creation of Agents able tackle real-world challenges and integrate harmoniously into social environments, leveraging new capabilities such as complex problem-solving, adaptation, learning, and natural human-like interaction.

You will learn powerful concepts such as **Retrieval-Augmented Generation (RAG)** and **Directed Acyclic Graphs (DAG)** able to boost the powers of Agentic AI with a durable infrastructure for scheduling and managing more elaborate jobs by specifying clear dependencies and rules of execution while making Agents more intelligent with the context of facts and information from both a well-defined knowledgebase and real-time external data/ content sources.

Also explored will be **Named Entity Recognition (NER)** and **Natural Language Processing (NLP)** as part of enabling Agents to locate and classify named entities mentioned in unstructured text

into pre-defined categories such as person names, organizations, locations, medical codes, time expressions, quantities, monetary values, and others business objects.

Addressed will be regulation released over the last two years mandating transparency, bias reduction, and public trust in AI used for critical areas of government, such as the **white house executive order on safe, secure, and trustworthy AI, the OFFICE OF MANAGEMENT AND BUDGET (OMB) CIRCULAR A-11 and the FEDERAL TRADE COMMISSION (FTC) updated guidelines** that further emphasize preventing algorithmic bias and deceptive AI practices across areas such as finance and healthcare.

Participants will also engage in a high-level **Return on Investment (ROI)** analysis to identify potential automation opportunities within their organizations. You will learn how to prioritize processes and operational areas that are most suitable for automation based on ROI potential and feasibility. By the end of the seminar, **participants will have gained valuable insights into the automation potential of specific targets**, empowering them to guide their digital transformation strategies and develop effective roadmaps for implementation.

07:30 – 08:15

NETWORKING BREAKFAST



08:15 – 09:00 THE FUTURE OF WORK BEGINS TODAY



Here Come the Robots: How Agents and AI-powered digital ecosystems enhance collaboration, offloading repetitive tasks to amplify human creativity and innovation



Redefining Work: Digital transformation strategies to leverage forces already redefining the workplace and reshaping knowledge work for greater efficiency and impact in Agentic Era



Meet Your New Co-Worker: How Human/Agent collaboration will optimize even complex operations processes, unlocking the full potential of the human workforce, not by simply mimicking but instead by extending human capabilities

09:00 – 09:30 FROM KNOWLEDGE TO ACTION: THE EVOLUTION OF GENERATIVE AI



AI That Acts: Understand the shift from GenAI tools which create content to Agentic AI that acts, able to drive evidence-based design making and collaboration with human coworkers and customers – and what this means for you



AI-Powered Automation: Learn how Agentic AI transforms workflows, automating complex tasks and extending human capabilities for improved decision-making and efficiency



From the Black Box to a Glass Box: Understanding the imperatives of human-centric automation, driving transparent, accountable automation that amplifies human creativity and innovation

09:30 – 10:00 APPLYING THE OODA LOOP TO AGENTS & AGENTIC AI



Observe: Learn how Agents can sense and perceive through data collection, real-time monitoring, and sensory inputs. AI agents use various sensors, APIs, and curated data sources



Orient: Understand how Agents can process and contextualize information based on pre-defined rules, learning models, and external context, enabling them to align actions with defined objectives or enterprise policies



Decide: Discover methods to enable Agents to select the Next Best Action based on Decision Intelligence combined with inference engines, decision algorithms, and probabilistic reasoning



Act: Understand how Agents can leverage automated processes, robotic systems, or other to execute actions



10:00 – 10:15

COFFEE BREAK

10:15 – 11:00 AGENTIC AI & THE COGNITIVE ARCHITECTURE



Perception & Sensory Processing: Learn how Agents interpret environmental data to gain awareness and context for informed decision-making



Memory & Knowledge Representation: Discover designs to store and organize information to enable learning, reasoning, and application of knowledge to new situations






Learning & Adaptation: Understand how to enable Agents to improve over time by learning from experiences and adapting behaviors based on new information






Reasoning & Decision-Making: Gain methods to enable Agents to autonomously solve problems and plan actions using inference and decision-making algorithms to achieve goals

11:00 – 11:30 THE ROLE OF RETRIEVAL-AUGMENTED GENERATION (RAG) IN AGENTIC AI

-  **What is RAG?:** Gain proven methods for utilizing external data sources to drive contextual and data-rich Agent responses
-  **Practical Implementations:** How RAG supports Agents in delivering relevant and accurate information across various enterprise workflows
-  **Use Cases & Case Studies:** Examples of how organizations in healthcare, legal, and financial services have deployed RAG to improve process automation and customer service




11:30 – 12:00 LEVERAGING DIRECTED ACYCLIC GRAPHS (DAGS)

-  **Task Planning & Execution:** Learn methods for optimizing scheduling and execution of Agent actions through identifying opportunities for parallelization and avoiding redundant operations
-  **Efficient Data Processing:** Understand the role of DAGs in managing data pipelines through each processing stage while preventing infinite loops and guaranteeing each step is completed prior to the next
-  **Structured Decision Making:** Learn how to leverage probabilistic inference and causal reasoning to inform decision-making within defined boundaries of policies and rules






12:00 – 01:00 PLATED LUNCH PROVIDED



01:00 – 01:30 ARCHITECTING HUMAN-CENTRIC AGENTS & AGENTIC AI

-  **Best Practices:** Gain understanding of key principles for integrating human-centric automation with Agents and Agentic AI that balance automation and human oversight
-  **Components:** Learn about the components of Agentic AI through deep dive into the architecture of Agentic AI systems, including data flow and decision-making components
-  **Guardrails for Autonomy:** Understand ethical and regulatory guardrails for ensuring that every automated outcome is observable, explainable, and accountable

01:30 – 02:00 TEACHING AGENTS ABOUT “THINGS”

-  **Transforming Text into Insights:** Learn about leveraging Named Entity Recognition (NER) and Natural Language Processing (NLP) to allow Agents to extract key entities from unstructured data, transforming text into actionable insights for informed decision-making
-  **Contextual Understanding for Accuracy:** Understand how to teach Agents to recognize and classify entities like people, organizations, and locations to enable Agents to contextually understand data for accurate decisions
-  **Real-Time, Context-Driven Responses:** Learn how NER enhances decision intelligence by identifying relevant entities in real-time, supporting AI agents in generating precise, context-driven responses.

02:30 – 02:45 AGENTIC DECISION INTELLIGENCE

-  **Agentic Decision-Making:** Learn how to safely enable Agents to make decisions autonomously, reducing human intervention without diminishing transparency or explainability
-  **Robust Perception & Knowledge Storage:** Understand how Agents can accurately perceive data and effectively store knowledge to inform decision-making processes



Learning & Adaptation Mechanisms: Gain methods to teach Agents to learn from experiences and adapt decision strategies to changing environments for improved performance



Advanced Reasoning & Self-Monitoring: Discover how to enable Agents with autonomous reasoning abilities and self-assessment to make decisions, plan actions, and adjust strategies toward goals



02:45 – 03:00

AFTERNOON BREAK

03:00 – 03:45

THE FUTURE OF AGENTIC AI & DECISION INTELLIGENCE



Enhanced Autonomy & Adaptability: Learn emerging capabilities which will enable Agents to autonomously adapt to complex environments using advanced learning and self-improvement capabilities



Natural Interaction & Collaboration: Discover how to enable Agents to engage in human-like communication, understanding language nuances, and collaborate seamlessly with humans and other Agents



Integration of Emotional Intelligence: Understand advances in Incorporating emotion and social cognition which enable Agents to interact empathetically and navigate social contexts effectively



Safe & Ethical Decision-Making with Self-Regulation: Learn how to enable Agents with metacognition to ensure ethical decisions and self-regulated actions aligned with defined policies, values and goals



Long-Term Impact: Understand how Agentic AI will continue to shape the future of enterprise operations, enhancing decision-making, and optimizing workflows

03:45 – 04:15

AI GOVERNANCE & THE EVOLVING REGULATORY FRAMEWORK



Promoting Transparency & Trust: Understand the most recent regulations targeting the role of AI and Agents to ensure transparent, explainable decisions, boosting public trust in AI-driven government services and processes



Ensuring Fairness & Accountability: Discover how updated FTC and OMB guidelines require AI systems to be rigorously tested for bias, enabling Agentic AI to make fair and accountable decisions



Strengthening Security & Resilience: Exploring the impact of National Cybersecurity Strategy mandates on AI and AI-enabled decision-making within critical infrastructure and defense applications

04:15 – 05:00

AUTOMATION ASSESSMENT:
ROI ANALYSIS, PRIORITIZATION, & AUTOMATION POTENTIAL



ROI Analysis: Understand how to evaluate the return on investment for automation initiatives



Prioritization of Automation Targets: Identify high-impact operational areas for AI-driven automation



Assessing Automation Potential: Learn frameworks for evaluating automation feasibility across enterprise processes



Success Metrics: Discover benchmarks highlighting organizations that have realized over 500% efficiency gains and reduced operating costs by 20x through automation

05:00 – 06:30




Q&A AND NETWORKING RECEPTION



ADDITIONAL BENEFITS FOR PARTICIPANTS...

Seminar participants will receive a signed hardcopy of *"Gigatrends: Six Forces That Are Changing the Future for Billions"* (2024 Post Hill Press) co-authored by lead instructor Nathaniel Palmer and reached **#1 for AI and Machine Learning on Amazon.com**

IN ADDITION, ALL PARTICIPANTS WILL RECEIVE:

-  **E-Book on How to Master Agentic AI & Human-Centric Automation**
-  **60-Day Curated Learning Plan + Weekly Touch Points with Seminar Instructors**
-  **Assistance With Proof-Of-Concept Development & Business Case Development**



WHO SHOULD ATTEND...

This one-day seminar is ideal for decision-makers, IT leaders, operations managers, and others involved in digital transformation or business process automation. Whether you are already implementing automation or just exploring the possibilities, this session will provide practical insights and actionable strategies to help you scale and succeed.



Business Leaders, Decision-Makers & Innovation Officers seeking to understand how Agents can transform operations, to improve efficiency and productivity, and enable more effective decision-making.



Chief Technology Officers (CTOs) & Chief Information Officers (CIOs) looking to leverage AI-powered automation to drive innovation, improve efficiency, and reduce operational costs.



AI & Data Science Practitioners seeking to leverage next wave of AI development and how to implement agent-based systems as part of AI-powered automation and decision-making.



IT Managers & Engineers wanting to gain insights into the technical frameworks required to integrate Agentic AI into their company's digital infrastructure.



Internal Consultants & Service Providers seeking to deepen their knowledge of agent-based systems and adopt tools and methods to deliver advanced AI-driven capabilities as part of your service offerings.

WHAT YOU WILL LEARN...



Overcoming Process Complexity:

Discover how human-centric automation can help you tackle complex workflows, streamline operations, and improve decision-making – learning the same patterns already used to achieve over 500% efficiency gains while maintaining accuracy and compliance



Understanding Cognitive

Architecture:

Understand the Cognitive Architecture as a blueprint for designing Agents that emulate human-like cognition, function independently, adapt to new conditions, and perform tasks efficiently.



Leveraging RAGs & DAGs:

Learn how DAGs and RAG contribute to Agentic AI provides insights into the mechanisms that enable Agents to plan actions efficiently and generate accurate, context-aware responses.



Decision Intelligence & Rule-based

Decision-making:

Understand how to navigate multi-step reasoning flows and complex decisions, ensuring that every automated outcome is observable, explainable, and accountable.



Real-World Use Cases & Success

Stories:

We'll share powerful case studies highlighting how AI, RPA, and Decision Intelligence can transform high-volume tasks and improve operational performance, with examples involving the processing of millions of documents, handling millions of queries, and automating complex work.



Harnessing GenAI & Document

Automation:

Learn how to harness the power of GenAI in extracting insights, automating document workflows, and reducing manual data entry. We'll explore how AI can classify, extract, and process unstructured data from documents, emails, and chats, freeing your teams to focus on higher-value tasks.



Key Technologies Driving Change:

Gain insights into the enabling technologies that power these AI-driven transformations. Learn how AI-based identity resolution, machine learning, and intelligent document processing (IDP) can enhance accuracy and drive efficiency in your business.



Automation ROI & Potential Benefits

You Can Anticipate:

Learn to calculate the ROI of automation initiatives, including how AI has helped companies reduce operating costs by 20X and how to achieve similar outcomes.



How to Get Started & Where to Begin:

Participants will walk through a framework for applying a high-level Return on Investment (ROI) analysis of potential automation targets as well as prioritizing the processes and operational areas best suited for automation based on ROI potential and feasibility.

REGISTRATION DETAILS...

SEMINAR PACKAGE	EARLY BIRD (BEFORE OCT 21ST)	STANDARD FEE
Seminar Only (hotel not included)*	\$195.00	\$295.00
Government Attendees (seminar only)	\$0.00	\$0.00
Seminar + One Night Hotel*	\$395.00	\$495.00
Seminar + Two Nights Hotel*	\$495.00	\$595.00

***ADDITIONAL 30% DISCOUNT WHEN REGISTERING TEAMS OF 3 OR MORE**

[Click to Register](#)

or visit AgenticAge.ai



ABOUT THE VENUE...

Located just 20 miles from Atlanta International Airport, the **Kimpton Sylvan Hotel** is nestled in upscale Buckhead Village, blending mid-century charm with ultra-modern luxury rooms. Attendees will enjoy panoramic city views from the rooftop deck, world-class dining on-site, or the chance to explore many premier options just a block away in the Buckhead Village District or a short drive to Downtown Atlanta.



ABOUT INFOCAP:

Infocap focuses on transforming processes to maximize human potential through AI and Intelligent Automation. With deep expertise solving complex issues, Infocap helps organizations boost productivity and innovation. Whether improving customer experience, increasing efficiency, or enabling better decisions, Infocap partners with forward-thinking leaders delivering scalable Human-Centric Automation solutions.

ASSOCIATION SPONSOR:



INSTITUTE FOR ROBOTIC
PROCESS AUTOMATION
& ARTIFICIAL INTELLIGENCE

IRPA AI is the largest independent association and industry body of executives focused on RPA, Intelligent Automation and Enterprise AI.