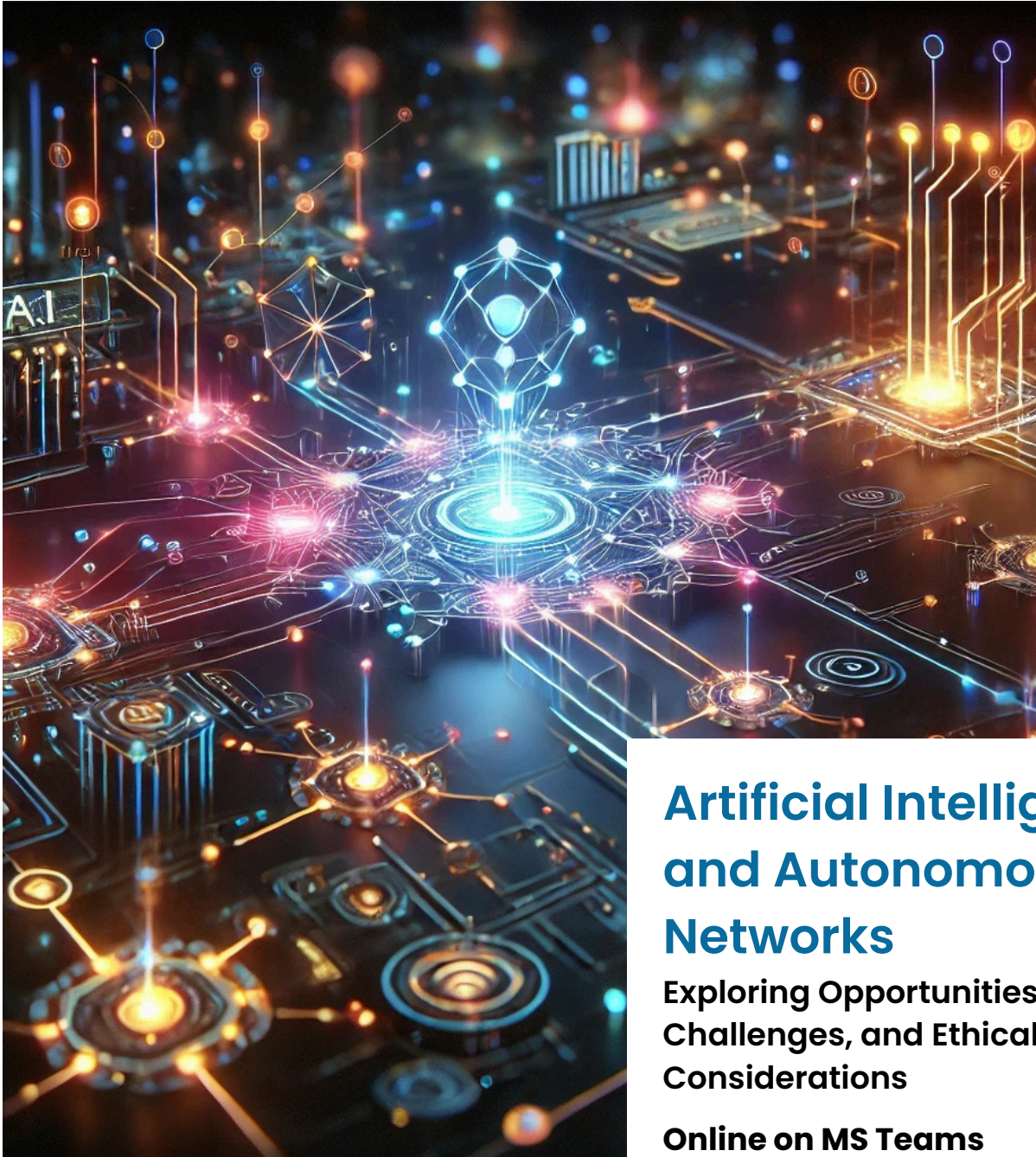


Webinars



Artificial Intelligence and Autonomous Networks

Exploring Opportunities,
Challenges, and Ethical
Considerations

Online on MS Teams

BOOK NOW

March 2025



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WEBINAR 1: OPPORTUNITIES AND EXPECTATIONS

Discover how AI can redefine network operations by enhancing scalability, efficiency, and real-time adaptability. This session will examine the driving forces behind autonomous networks, showcasing how AI can unlock new business potential and streamline operations beyond human capabilities.

06

WEBINAR 2: CHALLENGES AND RISKS

Explore the complexities and limitations of integrating AI in network management. This webinar highlights the technical and operational risks, the balance between human and AI-driven decision-making, and strategies to mitigate business risks associated with automation.

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WEBINAR 3: ETHICS AND REGULATION

Learn about the ethical and regulatory challenges of AI in autonomous networks. This session will discuss the evolving legal frameworks, the importance of accountability in AI-driven decisions, and how organizations can maintain ethical standards in a rapidly changing tech landscape.

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ADDITIONAL INFORMATION

Overview of the Webinars:



These webinars delve into the role of Artificial Intelligence (AI) in the development of autonomous networks. As industries across the globe look to leverage AI to reduce human intervention in network operations, this series offers insights into the opportunities, risks, and ethical questions that arise from this technological shift.

Join us as we explore the following themes:

- **Webinar 1: Opportunities and Expectations:**
How AI can drive innovation, optimize network operations, and scale new business models.
- **Webinar 2: Challenges and Risks:**
Understanding the limitations of AI and the inherent risks of over-reliance on automation.
- **Webinar 3: Ethics and Regulation:**
Navigating the regulatory landscape and ethical considerations surrounding AI-driven autonomous networks.

Whether you are an industry professional, a researcher, or simply interested in the future of AI and network operations, this lecture series offers comprehensive coverage of key issues and emerging trends.



About the Speaker:

Jörg Niemöller

Jörg Niemöller has 25 year's experience in the Telecommunication industry.

He contributed in diverse fields ranging from design and system management for the first releases of 3G core networks to research in telecommunication service composition and Artificial Intelligence. His current focus is the introduction of autonomous networks and in particular intent-driven autonomous operation.

This involves applied artificial intelligence solutions for realizing the vision of zero-touch operation in commercial solutions across multiple product areas and network operation domains.

Jörg is driving the standardization of this topic across various Standards Defining Organizations. He is Co-chair of the autonomous networks project at TM Forum and lead author of the TM Forum Intent Ontology.

Furthermore, he is directly contributing or coordinating work in 3GPP, ETSI and ORAN.

Jörg holds a diploma degree in electrical engineering from the university of Dortmund, Germany and a doctoral degree (PhD) in computer science from Tilburg University in the Netherlands. He is currently Expert of Analytics and Customer Experience at Ericsson AB in Stockholm, Sweden.

About the Organisers



Hume Institute for Postgraduate Studies

The Hume Institute for Postgraduate Studies, based in Lausanne, Switzerland, is dedicated to fostering academic excellence and research in the 21st-century educational landscape.

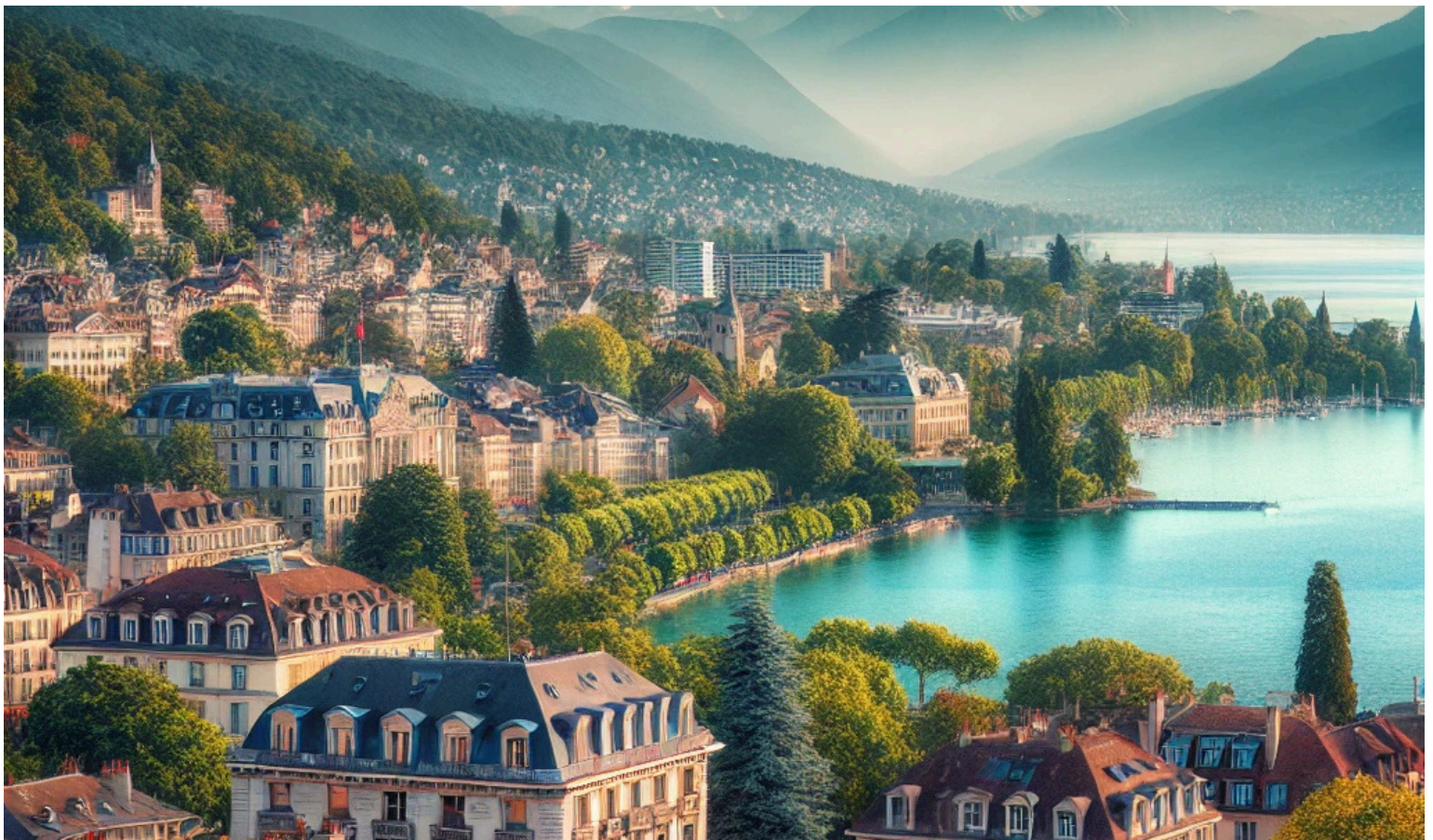
Through partnerships with institutions such as the University of Bolton, Hume offers world-class learning opportunities in postgraduate education.

With a strong focus on digital and online delivery, the Institute aims to bridge the gap between academia and industry, creating future leaders in technology, business, and innovation.

REVA University

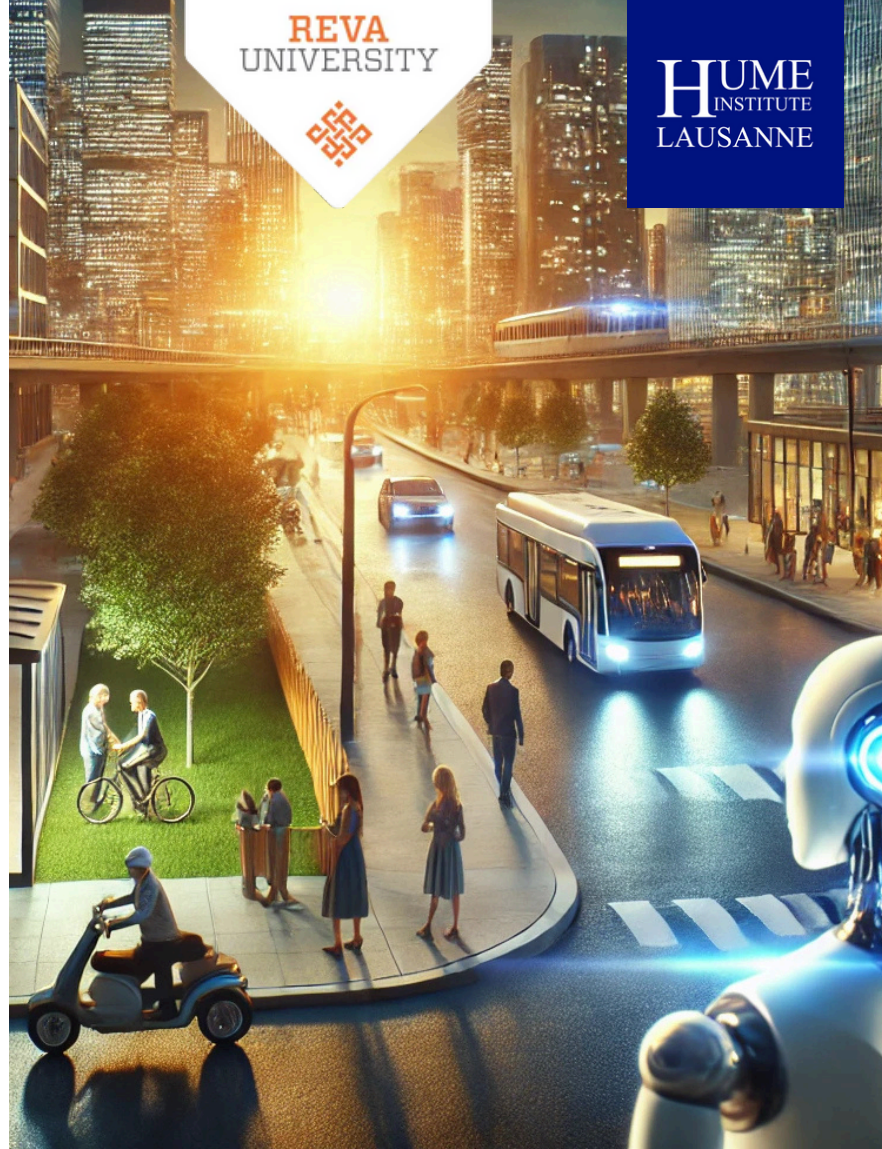
REVA University, based in Bengaluru, India, is dedicated to fostering academic excellence and innovation. Through partnerships with institutions like the Hume Institute for Postgraduate Studies, REVA offers world-class learning across diverse disciplines.

With a strong focus on experiential learning and industry engagement, the university equips students to become leaders in technology, sustainability, and entrepreneurship, prepared to tackle 21st-century challenges.



Webinar 1: Opportunities and Expectations

ARTIFICIAL INTELLIGENCE AND AUTONOMOUS NETWORKS: PART 1 – OPPORTUNITIES AND EXPECTATIONS



13th March 2025
13:00-14:00 GMT

Overview:

This webinar introduces the potential of AI to revolutionize network operations. It explores the business drivers behind autonomous networks and the ways AI can enhance scalability, efficiency, and real-time customization.

Key Themes:

- AI as the key to autonomous network functionality.
- Scaling operations beyond human capabilities.
- Shortcomings in current human-led network operations.
- Reduced time to market with automatically customized products.

Webinar 2: Challenges and Risks

ARTIFICIAL INTELLIGENCE & AUTONOMOUS NETWORKS: PART 2 – CHALLENGES AND RISKS



REVA
UNIVERSITY



HUME
INSTITUTE
LAUSANNE

20th March 2025

13:00-14:00 GMT

Overview:

In the second webinar, we analyze the challenges that AI faces in network operations. While AI offers great potential, it also presents risks, especially when replacing human decision-making with automated systems. This session will cover both the technical limitations and the broader business risks associated with autonomous systems.

Key Themes:

- The limitations of AI as a generalist.
- Balancing human and AI decision-making.
- Managing the risks of AI-driven operations.
- Ensuring business alignment and risk mitigation.

Webinar 3: Ethics and Regulation

ARTIFICIAL INTELLIGENCE AND AUTONOMOUS NETWORKS: PART 3 – ETHICS AND REGULATION



27th March 2025
13:00-14:00 GMT

Overview:

The final webinar of the series addresses the ethical and regulatory dimensions of AI in autonomous networks. This session will explore the legal frameworks that govern AI deployment, accountability in automated decision-making, and whether AI can enhance or harm ethical business practices.

Key Themes:

- AI regulation: Protecting society and reducing business risk.
- Ethical business practices in different cultural contexts.
- The future of AI regulation in autonomous systems.
- The role of the human factor in maintaining ethical standards.

Additional Information

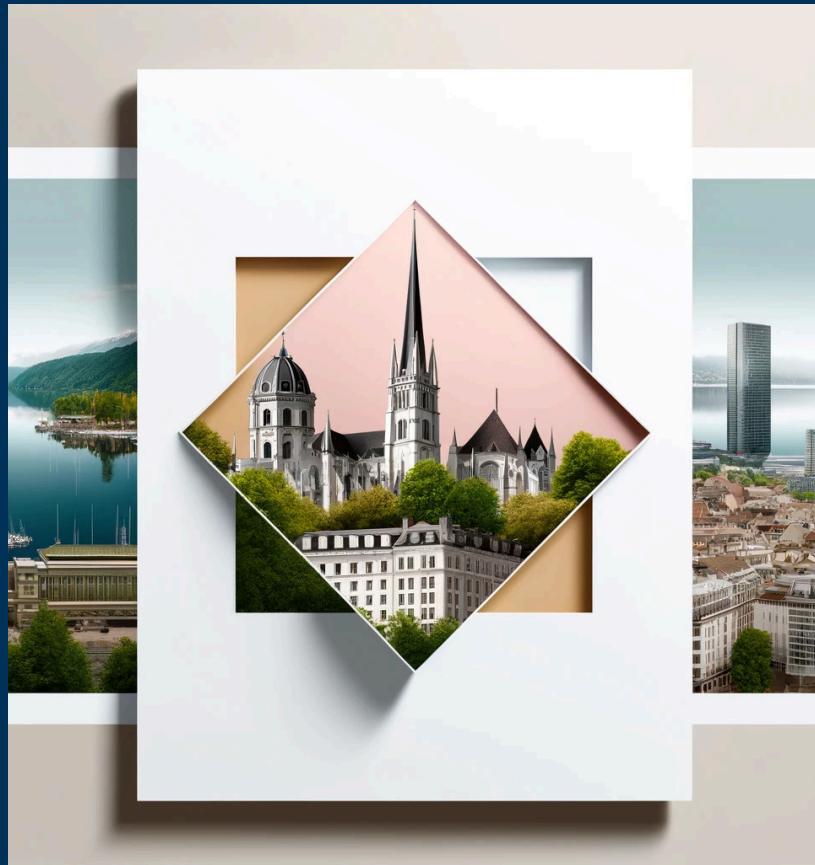
Each webinar will be held virtually via MS Teams (or your designated platform). Recordings will be made available to registered attendees after each session.

Who Should Attend?

- Professionals in telecommunications, AI, and network operations.
- Researchers and students interested in AI and autonomous systems.
- Policy makers and legal experts in technology regulation.
- Anyone looking to understand the future of AI-driven networks.

**For further inquiries,
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