

Future Says Series Guide

Discover the Future of AI



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INTRODUCTION

If you're interested in creating a data-driven business, ensuring you're getting the most from your artificial intelligence (AI) and data analytics capabilities, or want to be confident your investment in these technologies delivers quick, impactful returns, then Future Says is the series you've been looking for.

Future Says is a series of conversations – hosted by Sean Lang, Altair data strategist – where leading experts share insights concerning data, AI, high-performance computing (HPC), and other aspects of the emerging digital revolution. Lang is a passionate data literacy advocate and believes in the power of democratizing technology organization-wide. He's spent his career implementing complex data analytics software across some of the U.K.'s leading banks, automotive companies, and engineering firms. Each episode of Future Says focuses on a specific topic and features speakers who offer a unique perspective on AI and the future of technology, and advice on how businesses can best navigate the myriad of changes they face to succeed in an ever more digitalized world.

Top Reasons to Tune-In to Future Says Series 3:

- Connect with experts sharing their hands-on data and AI experience
- Learn how data and AI can transform your engineering and manufacturing operations
- Discover how you can accelerate your data-driven transformation
- Ensure your investments in data and AI deliver quick, impactful returns

SERIES 1



Episode 1: Ethical AI and the Responsible Use of Data

Aiko Yamashita, senior data scientist at CoE Advanced Analytics, DNB

This first episode highlights how to responsibly and ethically use data and AI. It goes into detail on why organizations need to be aware of the ethical implications of using data, as well as operationalizing their understanding into reporting on the use of AI.



Episode 2: AI Business Model Innovation

Girish Agarwal, chief information and digital officer, Piab

Host Sean Lang and guest Girish Agarwal discuss the importance of taking a step back and redefining your organization's structure and business models to fully leverage AI's potential value as well as the key factors for success when implementing AI initiatives.



Episode 3: AI for Social Good

Dr. Richard Benjamins, chief data and AI strategist, Telefonica

This episode features Dr. Richard Benjamins, who reviews how leveraging the power of data and AI for the good of society and why we need to encourage more collaboration between governments, industries, and research institutions to scale AI for social good.



Episode 4: Amplified Intelligence and Sustainable Operations

Errol Koolmeister, senior tech advisor, The AI Framework | former head of AI engineering, H&M Group

This episode focuses on the importance of synergy between humans and AI for the future, how to address the concerns around AI displacing jobs, and why organizations need to start small but think big when it comes to AI.



Episode 5: AI Foundations

Georg Von Zedwitz-Liebenstein, information and analytics lead, Scania Financial Services

In the final episode of Series 1, host Sean Lang and guest Georg Von Zedwitz-Liebenstein discuss the importance of having a solid data infrastructure and clear ownership of data within organizations, as well as how to define high data quality.

SERIES 2



Episode 1: Sustainable AI

Maria Luciana Axente, responsible AI and AI for good lead, PwC U.K.

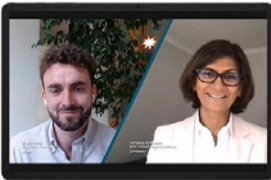
This episode features a lively discussion on the future of AI, including the emerging trend of sustainable AI, the E.U.'s new proposal for a dedicated set of AI regulations, and how children's lives are being shaped by the unseen work of algorithms.



Episode 2: Democratizing Finance with DeFi and Crypto

Nikita Fadeev, portfolio manager, Fasanara Digital | | Featured on Forbes's "30 Under 30" list

In this episode, Lang speaks with Nikita Fadeev about the future of fintech and how it's changing the financial landscape. They also explore issues related to digital currency regulation and the environmental considerations of Bitcoin mining.



Episode 3: Autonomous Operations

Vanessa Eriksson, SVP and chief digital officer, Zenseact

Vanessa Eriksson, SVP and chief digital officer of Zenseact, talks about the challenges and opportunities associated with the development of autonomous vehicles. She explains how working with data doesn't necessarily equate to having a data mindset and why a modern data governance strategy is needed to accelerate innovation.



Episode 4: Embracing the Convergence of HPC and AI in the Cloud

Bill Magro, chief technologist, high performance computing, Google

Google's Chief Technologist for HPC, Bill Magro, discusses how the convergence of HPC, the cloud, and AI is fueling innovations such as autonomous vehicles, and why Google sees a future that's hybrid cloud and multi-cloud. He also talks about the environmental issues relating to HPC and the cloud and how to solve them.

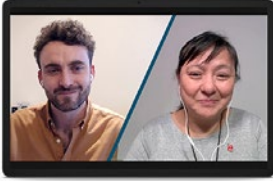


Episode 5: AI and MLOps in Gaming

Sahar Asadi, AI research lead, King

Episode five features King's Sahar Asadi, AI research lead and co-founder of Women in Data Science. She explains how data-driven companies also need diversity, as well as how explainability will remain a key trend within AI and how ethical AI roles will continue to grow across the gaming sector.

SERIES 2 (continued)



Episode 6: Enabling Personalized Healthcare Through Data and AI

Ming Tang, chief data and analytics officer, NHS England and NHS Improvement

NHS England's chief data officer Ming Tang shares how being data-driven steered Britain's National Health Service (NHS) through the pandemic. Tang also explains the importance of soft skills, which help analysts understand customer problems and deliver timely, useful products; and diversity, which actively contributes to digital transformation.



Episode 7: Fostering a Data-Driven Culture with Capgemini

Niraj Parihar, EVP, data and insights, Capgemini

In this episode, host Sean Lang speaks with Niraj Parihar about how Capgemini has incorporated data democratization into its pandemic agenda as it has helped improve policymaking throughout the organization. He also explains why data democratization and data literacy go hand in hand.



Episode 8: The Convergence of AI, Simulation, and HPC

James R. Scapa, founder, chairman, and CEO, Altair

Altair CEO James Scapa shares his thoughts about the vision of the convergence between AI, simulation, and HPC, and explores how this vision has shaped Altair over the past three and a half decades. In this episode, he also talks about why embracing youth and diversity are key parts of any company's success, and how Altair's culture fosters inclusion and respect.

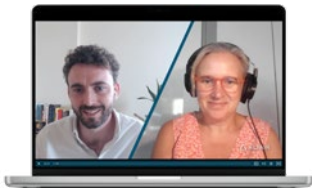
SERIES 3



Episode 1: Creating the Identical Digital Twin

Vijayakumar Kempuraj, digital twin lead, Ford

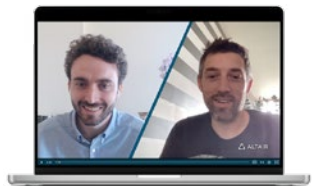
Vijay presents an update on digital twin adoption to date. He talks about the potential as well as the challenges and advocates for a 'think big, start small, fail quickly, scale fast' approach. Vijay believes in the critical role that agile methodologies and cultural shifts play in delivering this next-generation innovation.



Episode 2: Using Data and AI to Transition to a More Sustainable Future

Geertrui Mieke De Ketelaere, adjunct professor, Vlerick Business School | strategic AI advisor, imec

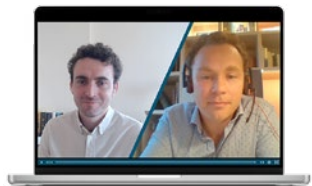
Mieke combines her industry experience at imec with her research experience at the Vlerick Business School to deliver an excellent perspective on how to transition to a healthier, greener, and more sustainable future using AI and data. In this episode, she speaks about energy efficiency, streamlined collaboration, and explainable methodologies.



Episode 3: Hybrid AI Combining Simulation & Data

François Deheeger, senior fellow AI and data science, Michelin

Deheeger details the data science revolution happening throughout Michelin's R&D organization. Utilizing the convergence between physics and data, Michelin have accelerated product development while upskilling their entire engineering division on how to reap the advantages from the data at their fingertips.



Episode 4: Real-Time Fleet Operations

Jan Chirkowski, vp analytics and fleet operations, Kongsberg Maritime

Chirkowski is developing a seamless flow between the virtual and the physical at Kongsberg: ensuring fleet-level diagnostics, ship-level optimization, and system-level digital twins. Predictive maintenance has transformed Kongsberg's business from a shipbuilding firm into a data-driven services organization.



Episode 5: Using Data Analytics to Improve the Customer Experience

Ravi Parmeswar, vice president, consumer business intelligence, Johnson & Johnson Consumer Inc.

Ravi delivers expert advice on how to driver extraordinary customer experiences and build high-performance organisations through Data & Analytics. He draws on his leadership at Johnson & Johnson, Blackrock, Citi, and the Coca-Cola Company, to present a cohesive plan on how to build data-driven companies.

ADDITIONAL RESOURCES

[Analytics for Heavy Equipment](#)

[Deploying a Complete, High-Performing Alternative SAS Language Environment](#)

[Discovering Brett Chouinard's thoughts on the future of engineering and data science](#)

[Enable Smart Engineering: Global Automotive Manufacturer Visualizes Production Data with Altair® Panopticon BI™](#)

[Exploring the Turnkey High-performance Computing for Data Analytics-Altair Unlimited Data Analytics Appliance](#)

[Ford Enhances Manufacturing Efficiency](#)

[Harnessing the Power of Big Data, AI, and Simulation to Accelerate Product Innovation](#)

[Improving Data Performance with a Guide to Self-Service Data Preparation](#)

[Keeping up to date with the latest Gartner® Market Guide for Multipersona Data Science and Machine Learning Platforms](#)

[Leading Automotive Parts Supplier Reduces Costs, Increases Accuracy with Greater Efficiency in its Reporting Using Monarch](#)

[Managing Your Cloud Data: Creating a Unified Look at Your Cloud Utilization](#)

[Mastering the Credit Application Scorecard: Building and Deploying Predictive Models for Confident Lending](#)

[Read James Scapa's article about the groundbreaking acquisition of a SAS language environment alternative](#)

[Strengthen data science skills with Data Science and Practical AI for Engineers Series 2](#)

[Watch keynotes, panels, and sessions from Future.AI 2022](#)

To Learn More Visit altair.com/future-says



Changing tomorrow, together.

Altair is a global leader in computational science and artificial intelligence (AI) that provides software and cloud solutions in simulation, high-performance computing (HPC), data analytics, and AI. Altair enables organizations across all industries to compete more effectively and drive smarter decisions in an increasingly connected world - all while creating a greener, more sustainable future.