



3DEXPERIENCE® CONFERENCE

OCTOBER 18 – 19 | DARMSTADT, GERMANY

Day 1 | October 18

Plenary Session 10:00 – 12:25 | Registration 09:00

Welcome & Opening by Dominic Kurtaz

Keynote | Dominic Kurtaz, Managing Director EuroCentral | Dassault Systèmes

Final Call: The time to act is now to turn your sustainability goals into sustainable actions

The acceleration to net zero through innovative and sustainable products and business models is critical. If companies do not want to be outpaced by disruptors, the time to take action is now. Over the last 40 years, digital or virtual twins have evolved to be a strategic business asset capable to unlock new business models, drive sustainability goals and increase business resilience.

Keynote | Adrian Hayes, British record-breaking adventurer, author, speaker, coach & consultant, social commentator, documentary presenter and campaigner

We are constantly updating our agenda. You can look forward to further exciting high level customer keynotes & our Innovation talk: „The 3 pillars of sustainability“.

Lunch break 12:25 – 13:45



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Business Driver Sessions 13:45 – 14:15 | 10 min break | 14:25 – 14:55 These Sessions are repeated once to give you the opportunity to experience your top 2 topics.

**BUILDING THE NEXT
GENERATION OF SMART &
CONNECTED PRODUCTS AND
EXPERIENCES**

For more details see page 5

**ACCELERATE BUSINESS
VALUE THROUGH UNIFIED
MODELING & SIMULATION**

For more details see page 5

**TIME TO GET CIRCULAR:
SPAN SUSTAINABLE
OPERATIONS WITH
VIRTUAL TWIN EXPERIENCE**

For more details see page 6

**PROGRAMMATIC, DYNA-
MIC & REALTIME VISUAL
EXPERIENCE: SMART
MOBILITY EXPERIENCES
FROM A CGI FOUNDATION**

For more details see page 6

**EMPOWERING THE
WORK-FORCE OF THE
FUTURE THROUGH
VIRTUAL TWINS**

For more details see page 7

Break 14:55 – 15:15

Industry Ecosystems 15:15 – 16:00

**New Business Models for the Manufacturing
Industries: A Panel Discussion with the VDMA**

More to come

We are constantly updating our agenda. You can look forward to further exciting panel discussions with well-known management consultancies and associations from different industries.

Coffee break 16:00 – 16:20



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Industry Strategy 16:20 – 16:45 | 10 min break | 16:55 – 17:20 | 10 min break | 17:30 – 18:00

TRANSPORTATION & MOBILITY

Exploring Software-Defined Vehicles, Seamless Modeling & Simulation, and Sustainable Solutions in Mobility

For more details see page 8

INDUSTRIAL EQUIPMENT

Navigating the Seven Main Challenges in the Industrial Equipment Industry

For more details see page 8

AEROSPACE & DEFENSE

Exploring the Unique Opportunities in the Aerospace and Defense Industry

For more details see page 9

HIGH TECH INDUSTRY

Accelerating High-Tech Product Development for Innovative Electronic Experiences

For more details see page 9

HOME & LIFESTYLE

Putting Consumers at the Center: Innovating Personalized Home & Lifestyle Experiences with Customers at the Center

For more details see page 10

Evening event 18:00 – 23:00



3DEXPERIENCE® CONFERENCE

OCTOBER 18 – 19 | DARMSTADT, GERMANY

Day 2 | October 19

Plenary Session 09:00 – 10:40 | Registration 08:00

Welcome by **Dominic Kurtaz**, Managing Director Euro Central I Dassault Systèmes

Plenary | Initiating Change

Experience presentations such as „3DEXPERIENCE Insights on Value Engagement“ and Exciting Panel Discussion on the Topic of „Innovating Today – Disruptive Thinking“

Coffee break 10:40 – 11:00

3DEXPERIENCE Insights & Best Practices 11:00 – 13:10

SIMULATION

Accelerating Product Development through Integrated Design, Modeling, and Simulation

For more details see page 11

SYSTEMS

Engineering under Control! How Model-Based Systems Engineering Revolutionizes Product Development in Highly Regulated and Complex Environments

For more details see page 11

MANUFACTURING

Close the Loop! Transform your Global Operations into Circular Value Creation by linking the Virtual and the Real

For more details see page 12

DESIGN

Supporting Business Sustainability through Cutting Edge Design and Engineering Technology

For more details see page 12

3DEXCITE PIONEERS

Creating Convincing Virtual Product Experiences by Real Time Visualization

For more details see page 13

Lunch break 13:10 – 15:00

End of Event



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Session

BUILDING THE NEXT GENERATION OF SMART & CONNECTED PRODUCTS AND EXPERIENCES

Implementing a smart, connected products strategy requires a comprehensive, integrated yet practical approach, combining new technology, skills and capabilities supported by effective organizational change management. It also requires building a digital ecosystem to provide connectivity, managed services and embedded hardware or software.

The presentation shows, how real-time feedback allows quick and informed decision-making and how Model Based Systems Engineering (MBSE) supports companies throughout the entire development process.

Session

ACCELERATE BUSINESS VALUE THROUGH UNIFIED MODELING & SIMULATION

MODSIM enables multiphysics simulation already in the early development stage of a product. It is a simulation-powered left-shift strategy that pulls verification and validation upfront in the design concept stage and reduces the risk of late-stage failures and reworks.

This session highlights how our customers achieve significant acceleration of their development process by a factor 5 or more through connecting design/modelling and simulation (MODSIM). Enablers are process automation, replication and democratization of simulation for non-experts and a unified data model.



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Session

TIME TO GET CIRCULAR: SPAN SUSTAINABLE OPERATIONS WITH VIRTUAL TWIN EXPERIENCE

To reach sustainability goals, companies must re-imagine their business practice fundamentally affecting both manufacturing and supply chain management. It is key to reduce the environmental impact of their production processes, but also transform their business operations to build resilient and sustainable supply chains addressing sustainability KPIs across the complete value network.

This session shows how digital continuity is a key enabler to transition towards a circular economy stimulating innovation and driving business growth. All before making a change, companies are empowered to collaboratively test out different approaches in a virtual environment: from modeling, simulation to optimization. These robust sustainable processes can now be executed and benchmarked in the real world.

Discover how the Virtual Twin Experience spans sustainable operations that positively impact people, planet and business.

Session

PROGRAMMATIC, DYNAMIC & REALTIME VISUAL EXPERIENCE: SMART MOBILITY EXPERIENCES FROM A CGI FOUNDATION

In the future, all machines will be robotic. The combination of intelligent systems and intuitive end-user interaction unlocks new business models for manufacturers. In this session we'll explore game-changing visions for smart systems and explain how Dassault Systèmes enables brands to create valuable user experiences from design to delivery.



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Session

EMPOWERING THE WORK-FORCE OF THE FUTURE THROUGH VIRTUAL TWIN

In this session, we will discuss how digital technologies, including virtual twins, are transforming the way we work needed to succeed in the modern workplace. We will examine the ways in which the virtual twins are enabling organizations to leverage digital technologies to accelerate their processes and unleash sustainable innovation. With its powerful collaborative capabilities and advanced data analytics, **3DEXPERIENCE** platform can help companies to unlock new insights and make better decisions.

Through real-world case studies and interactive discussions, attendees will gain insights into the critical role of technology in shaping the future workplace and the steps they can take to prepare their organizations for success in the rapidly changing digital landscape. Millennials and Gen Z picture the industry differently than those who came before. From technology expectations, to sustainability, to flexibility of work, it takes more to compete for their skills. Whether you are a business leader or IT expert, this session will provide valuable insights and practical strategies for building a working environment that will empower the workforce of the future.



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Industry Strategy 16:20 – 16:45 | 10 min break | 16:55 – 17:20 | 10 min break | 17:30 – 18:00

Session

TRANSPORTATION & MOBILITY

Exploring Software-Defined Vehicles, Seamless Modeling & Simulation, and Sustainable Solutions in Mobility

In this session, we will focus on the main challenges in the automotive industry: The shift towards platform and cloud-based systems engineering, and the benefits of end-to-end development. An OEM will share their experience on leveraging seamless Modeling & Simulation (ModSim) and MBSE for vehicle electrification and battery development, as well as exploring new business models. We'll also explore the challenges startups are facing when entering the established automotive market and discuss the solutions they need to establish themselves in this market.

Session

INDUSTRIAL EQUIPMENT

Navigating the Seven Main Challenges in the Industrial Equipment Industry

The industrial equipment industry is facing a host of challenges, from global competition and changing customer demands to regulatory compliance and talent management. In addition, technological advancements and sustainability concerns are forcing companies to innovate and adopt new practices.

In this session, we will discuss strategies for navigating these challenges. We will cover topics such as supply chain management, regulatory compliance, talent management, and sustainability, and provide practical insights and best practices for addressing these challenges. Join us to learn how to stay competitive in the face of rapid change and uncertainty in the industrial equipment industry.



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Session

AEROSPACE AND DEFENCE

Exploring the Unique Opportunities in the Aerospace and Defense Industry

The aerospace and defense industry is facing unique challenges as well as exciting opportunities, after the strong impact of the covid-19 crisis and current geopolitical situation. Striving for more sustainability, addressing programs ramp-up and supply chain management issues while navigating in a complex and changing geopolitical landscape are some of the main key challenges in the industry.

In this session, we will focus on the latest trends in aerospace & defence, covering topics such as the use of digital twins to optimize product design, testing and manufacturing. We will also discuss the opportunities for innovation and growth in the industry, and how the 3DEXPERIENCE platform can help aerospace & defense OEMs, suppliers and operators to stay competitive and achieve their goals.

Session

HIGH TECH INDUSTRY

Accelerating High-Tech Product Development for Innovative Electronic Experiences

High-tech companies need to innovate and accelerate product development for market-leading electronic experiences. This conference session explores how digitalization and PLM simplify innovation and create richer consumer experiences. We discuss IoT challenges and how PLMaaS enables collaboration and faster time-to-market. Attendees learn about the latest trends, best practices in product development, and the critical role of Dassault Systèmes. Whether a startup or an established player, this session provides valuable insights into how digitalization and PLM can help create innovative electronic experiences that drive business success.



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Session

HOME & LIFESTYLE

Putting Consumers at the Center: Innovating Personalized Home & Lifestyle Experiences with Customers at the Center

Imagine a world where products not only enhance lifestyles and inspire new ways of living, but also meet individual design expectations and provide an experience that can be lived before purchase. With the 3DEXPERIENCE platform, companies can streamline their processes from design to sales while focusing on the consumer.

In this session, we will explore how digitization and 3DEXPERIENCE create personalized experiences that drive business success. Learn how the platform provides a digital solution to highlight brand values and deliver desirable experiences that are accessible at all times. Gain valuable insights on how digitization and the 3DEXPERIENCE platform can help companies be innovative and successful in a consumer-oriented industry.



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Day 2 | October 19

3DEXPERIENCE Insights & Best Practices 11:00 – 13:10

Session

SIMULATION

Accelerating Product Development through Integrated Design, Modeling, and Simulation

Discover how the integration of design, modeling, and simulation can propel your progress to new heights. During these sessions, we will deep dive on the transformative utilization of multiphysics simulation in the early stages of product development. We'll emphasize the crucial role of upfront verification and validation during the design concept stage, enabling you to mitigate the risks of late-stage failures and costly reworks. Don't miss this opportunity to uncover the keys to maximizing efficiency and minimizing setbacks in your development journey.

Session

SYSTEMS

Engineering under Control! How Model-Based Systems Engineering Revolutionizes Product Development in Highly Regulated and Complex Environments

The conference session on Model-Based Systems Engineering (MBSE) offers a comprehensive exploration of Easy Entry for MBSE, Traceability, CATIA Magic integration and Downstream Process to Software code generation. Discover how these cutting-edge methodologies revolutionize system development by enabling seamless integration, optimizing documentation processes and expediting software generation. Gain valuable insights into the future of engineering and leverage the power of MBSE to enhance productivity and efficiency with insides of best practices how to implement MBSE in your company.



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Day 2 | October 19

3DEXPERIENCE Insights & Best Practices 11:00 – 13:10

Session

MANUFACTURING

Close the Loop! Transform your Global Operations into Circular Value Creation by linking the Virtual and the Real

Today's manufacturers are facing times of extreme volatility: rapidly changing customer demands, disrupted supply chains and rising raw material and energy costs are here to stay. And on top of that, there is the pressure to produce sustainably. This, however, goes far beyond "just" eliminating potential waste. Manufacturers need to shift from linear to circular thinking in their operations to close the loop!

Join our dedicated sessions and get inspired how to transform your global operations into a circular value creation by linking the virtual and the real. We will kick off with a keynote highlighting the role of production in a value-enhancing circular economy. In subsequent breakouts, you can connect with your peers from different industries. Showcasing customer examples, we will deep-dive into Dassault Systèmes innovations in different domains of global operations.

These sessions include holistic planning from S&OP to advanced scheduling, digital continuity and the use of augmented reality to support production execution with virtual information.

Session

DESIGN

Supporting Business Sustainability through Cutting Edge Design and Engineering Technology

In this session you can find out what you and millions of users can achieve using the design solutions from Dassault Systèmes. SOLIDWORKS, CATIA, DRAFTSIGHT and the 3DEXPERIENCE Platform applications empower designers across industries. From small startups to established companies, our design tools enable users to bring better products to market faster. With a vibrant community of millions of users worldwide, designing products ranging from hydrogen buses to electronics, we foster a collaborative spirit. Explore the power of these design apps combined with the 3DEXPERIENCE Platform, helping you unleash your creativity, achieve design excellence and support sustainable business.



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3DEXPERIENCE Insights & Best Practices 11:00 – 13:10

Session

3DEXCITE PIONEERS

Creating Convincing Virtual Product Experiences by Real Time Visualization

Experience the power of virtual product experiences at the 3DEXCITE Workshop, where we delve into three captivating use cases that will redefine how you engage with your audience. Witness the art of creating product contexts within virtual experiences as we make the journey into immersive environments that bring your products to life. Be captivated as we showcase the seamless integration of interactivity using natural language, enabling you to engage users effortlessly. Discover the possibilities of media release made easy, as we demonstrate the rendering of stunning pictures, creation of dynamic turntables, and technical illustrations. Experience firsthand how you can export glTF for web 3.0 e-commerce, unlocking new opportunities for your virtual product offerings. Engage in an enlightening Q&A session, where our experts will address your questions and provide valuable insights. Join us at the 3DEXCITE Workshop as we take the stage and provide a captivating demonstration of these innovative techniques. Witness the future of virtual product experiences unfold before your eyes.