



AGENDA

3DEXPERIENCE[®] CONFERENCE

OCTOBER 18 – 19 | DARMSTADT | GERMANY

DAY 1 | OCTOBER 18

PLENARY SESSION 10:00 – 12:25 | Registration 08:30

Lunch 12:25 – 13:45

BUSINESS DRIVER SESSIONS 13:45 – 14:15 | 10 min Break | **14:25 – 14:55**

Session 1

Session 2

Session 3

Session 4

Session 5

Break 14:55 – 15:15

INDUSTRY ECOSYSTEMS 15:15 – 16:00

Coffee Break 16:00 – 16:20

INDUSTRY STRATEGY SESSIONS 16:20 – 16:45 | 10 min Break | **16:55 – 17:20** | 10 min Break | **17:30 – 18:00**

Transportation & Mobility

Industrial Equipment

Aerospace & Defense

High-Tech

Home & Lifestyle

Evening Event 18:00 – 23:00

DAY 2 | OCTOBER 19

PLENARY SESSION 08:45 – 10:40 | Registration 08:00

Coffee Break 10:40 – 11:00

3DEXPERIENCE INSIGHTS & BEST PRACTICES 11:00 – 13:10

Modeling & Simulation

Systems

Manufacturing*

Design

Platform

3DEXCITE PIONEERS

PARTNER TRACK 11:00 – 13:10

Lunch 13:10 – 15:00

End of Conference 16:00

PLENARY SESSION 10:00 – 12:25 | Spectrum A | Registration 08:30

10:00 **Welcome & Opening by Dominic Kurtaz**

10:05 **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.

10:20 **Keynote | Adrian Hayes**, British record-breaking adventurer, author, speaker, coach & consultant, social commentator, documentary presenter and campaigner

People, Planet, Profit – and Possibility

A Critical Thinking Perspective on Sustainability

‘Sustainability’ is probably one of the most over-used yet misunderstood words in use today. In this awareness creating, thought provoking and, at times, controversial presentation, leadership coach, author and sustainability campaigner, Adrian Hayes, delivers the universal truths and real inconvenient truths of the inextricably linked system we live in, the implications and trade off’s with single focus issues (including climate change) and the possible solutions we can consider to achieve a sustainable economy, society and environment.

10:50 **Keynote | Calogero Polizzi**, Head of Information Technology at Swatch Group and Head of Swatch Group Italy | [Swatch Group AG](#)

3DEXPERIENCE at Swatch Group

PLENARY SESSION 10:00 – 12:25 | Spectrum A | Registration 08:30**11:15 Keynote | Dr. Gunther Kegel**, CEO & President | [Pepperl+Fuchs SE & ZVEI e.V.](#)**Electrification, Automation and Digitalization – the Sustainability Leverages of the „All Electric Society“**

The keynote presents the visionary picture of a fully sustainable ‘All-Electric-Society’ from two angles: The viewpoint of a medium-sized company, Pepperl+Fuchs and the entire association of the electro and digital industry, ZVEI.

First the presentation explains the connection between sustainability and innovation using the example of energy efficiency.

Secondly the lecture shows how new digital business models will have an impact on sustainability and last but not least the paper throws a spotlight on the required workforce to put innovations and new business models into place.

11:40 Innovation Talk**The Three Pillars of Sustainability**

If one action could reduce CO2 emissions by gigatons and generate economic benefits of US\$1.3 trillion until 2030, shouldn't we seize it with both hands? The Innovation Talk will explore the business impact of sustainability on three main pillars: innovation, business models and workforce.

The panelists will discuss how integrating Virtual Twin technology can drive operational efficiencies, foster innovation for sustainability, maintain and upskill the workforce, and enhance brand reputation while addressing global challenges.

Moderation:

Jennifer Boone, Moderator

Panelists:

Olivier Sappin, CEO CATIA | [Dassault Systèmes](#)

Guillaume Vendroux, CEO DELMIA | [Dassault Systèmes](#)

Marc Schindler, Managing Director/Can Do Officer | [OTTOBAHN GmbH](#)

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

Lunch 12:25 – 13:45

BUSINESS DRIVER SESSIONS 13:45 – 14:15 | 10 min Break | 14:25 – 14:55 These sessions are repeated to give you the opportunity to experience your top two topics.

	Building the Next Generation of Smart & Connected Products and Experiences Spectrum C+	Process Automation in Mechanical Simulation during Wheel Brake Development Aurum 2	Time to Get Circular: Span Sustainable Operations with Virtual Twin Experience Europium 3	Upgrading your Business Model with Experience Ecosystems Spectrum B+	Empowering the Work-force of the Future through Virtual Twins Titanium 3
13:45 – 14:15	<p>Thomas Linke, Head of nXBRAKE Lab Knorr-Bremse Systeme für Schienenfahrzeuge GmbH</p> <p>Jens Bauer, Head of Global Validation and Verification Continental Automotive Technologies GmbH</p> <p>Sebastien Gautier, SIMULIA Sales & Marketing VP Dassault Systèmes</p> <p>Abstract</p>	<p>Jens Bauer, Head of Global Validation and Verification Continental Automotive Technologies GmbH</p> <p>Sebastien Gautier, SIMULIA Sales & Marketing VP Dassault Systèmes</p> <p>Abstract</p>	<p>Hans-Jürgen Falk, Head of IT-Engineering Solutions CLAAS KGaH mbH</p> <p>Guillaume Vendroux, CEO DELMIA Dassault Systèmes</p> <p>Abstract</p>	<p>Tom Acland, CEO 3DEXCITE Dassault Systèmes</p> <p>Olivier Savin, CEO Blue Spirit Aero (BSA)</p> <p>Eric Feunteun, COO Software République - Renault Group</p> <p>Abstract</p>	<p>Dietmar Rostek, Product Manager Porsche AG</p> <p>Dr. Darko Sucic, Central Europe Industry Consultant Senior Director Dassault Systèmes</p> <p>Abstract</p>
14:25 – 14:55	<p>Adel Taghiyar, CATIA Industry Process Consultant Dassault Systèmes</p> <p>Jens Bauer, Head of Global Validation and Verification Continental Automotive Technologies GmbH</p> <p>Sebastien Gautier, SIMULIA Sales & Marketing VP Dassault Systèmes</p> <p>Abstract</p>	<p>Jens Bauer, Head of Global Validation and Verification Continental Automotive Technologies GmbH</p> <p>Sebastien Gautier, SIMULIA Sales & Marketing VP Dassault Systèmes</p> <p>Abstract</p>	<p>Hans-Jürgen Falk, Head of IT-Engineering Solutions CLAAS KGaH mbH</p> <p>Guillaume Vendroux, CEO DELMIA Dassault Systèmes</p> <p>Abstract</p>	<p>Tom Acland, CEO 3DEXCITE Dassault Systèmes</p> <p>Olivier Savin, CEO Blue Spirit Aero (BSA)</p> <p>Eric Feunteun, COO Software République - Renault Group</p> <p>Abstract</p>	<p>Dietmar Rostek, Product Manager Porsche AG</p> <p>Dr. Darko Sucic, Central Europe Industry Consultant Senior Director Dassault Systèmes</p> <p>Abstract</p>

Break 14:55 – 15:15

INDUSTRY ECOSYSTEMS | Spectrum B | 15:15 – 16:00

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

Europium 3

Moderation:

Christoph Herr, Expert for Business Software & Platform Economy | [VDMA e.V.](#)

Panelists:

Meik Billmann, Managing Director | [Industrial Digital Twin Association e.V. \(IDTA\)](#)

Dr. Gunther Kegel, CEO & President | [Pepperl+Fuchs SE & ZVEI e.V.](#)

Dr. Darko Sucic, Central Europe Industry Consultant Senior Director | [Dassault Systèmes](#)

David Knorr, Senior Vice President Global IT | [CLAAS KGaH mbH](#)

Dr. Ulrich Schwenken, CEO | [Trützschler Group SE](#)

Abstract

Innovation Ecosystem: How to Prevent Europe from Missing Out?

Aurum 2

Moderation:

Anne Chevrier, EuroCentral Growth Marketing Program Senior Manager | [Dassault Systèmes](#)

Panelists:

Henry Claussnitzer, Business Engagement Manager | [OMRON B.V.](#)

Aschot Kharatyan, Head of Department | [Fraunhofer-Institut für Entwurfstechnik Mechatronik IEM](#)

Florian Dötzer, Managing Director | [TUM Venture Lab Aerospace](#)

Marco Karber, Managing Director | [AES Autonome Energiesysteme GmbH](#)

Abstract

Uncertain Times: Current Challenges and Opportunities in Aerospace & Defense

Spectrum B+

Moderation:

David Ziegler, Vice President Aerospace & Defense Industry | [Dassault Systèmes](#)

Panelists:

Jason Bysouth, Head of Digital Design Manufacturing and Services @Future Combat Air System | [Airbus Defense and Space GmbH](#)

Tim Gerkens, Vice President | [Capgemini Engineering](#)

Johannes Klenke, Managing Director A&D DACH | [Accenture GmbH](#)

Olivier Savin, CEO | [Blue Spirit Aero \(BSA\)](#)

Abstract

Coffee Break 16:00 – 16:20

INDUSTRY STRATEGY 16:20 – 16:45 | 10 min Break | 16:55 – 17:20 | 10 min Break | 17:30 – 18:00

	 Transportation & Mobility Titanium 3	 Industrial Equipment Europium 3	 Aerospace & Defense Spectrum B+	 High-Tech Neon 2	 Home & Lifestyle Aurum 2
	Exploring Software-Defined Vehicles, Seamless Modeling & Simulation, and Sustainable Solutions in Mobility More Details	Navigating the Seven Main Challenges in the Industrial Equipment Industry More Details	Exploring the Unique Opportunities in the Aerospace and Defense Industry More Details	Accelerating High-Tech Product Development for Innovative Electronic Experiences More Details	Designing an Optimal Transformation Strategy for the Home & Lifestyle Industry More Details
16:20 – 16:45	Laurence Montanari , Vice President Transportation and Mobility Industry Dassault Systèmes Abstract	Philippe Bartissol , Vice President Industrial Equipment Industry Dassault Systèmes Abstract	Evgeny Andruschenko , Head of Methods & Tools Deutsche Aircraft GmbH Abstract	Stéphane Sireau , Vice President High-Tech Dassault Systèmes Abstract	Philippe Loeb , Vice President Home & Lifestyle and CPG-Retail Industries Dassault Systèmes Abstract
16:55 – 17:20	Prof. Dr. Dirk Slama , Vice President Partner Ecosystems Robert Bosch GmbH Abstract	David Knorr , Senior Vice President Global IT CLAAS KGaH mbH Abstract	Jannik Anna , Mechanical Engineer HIVE Systems GmbH Abstract	Dr. Roman Mukin , Scientist I Corporate Research ABB Switzerland Ltd Abstract	Jürg Huber , Head of R&D Applications Geberit AG Abstract
17:30 – 18:00	Philipp Glonner , CEO ARTHUR BUS GmbH Abstract	Dr. Ulrich Schwenken , CEO Trützschler Group SE Abstract	Samuel Allag , Development Engineer Hirth Engines GmbH Antonio Colaciello , Development Engineer Hirth Engines GmbH Abstract	Margot Gyllerup , Business Developer Smart Manufacturing Ericsson AB Abstract	Sébastien Chaumiolo , Managing Director valexcon GmbH Melanie Boll , Head of Product Data Management Metabowerke GmbH Abstract

Evening Event 18:00 – 23:00

PLENARY SESSION 08:45 – 10:40 | Spectrum A | Registration 08:00

08:45 Welcome by Dominic Kurtaz

08:55 Keynote | Dr. Csaba Singer, CEO | [Hybrid-Airplane Technologies GmbH](#)

Sustainable Commercialization of Lighter-Than-Air Aviation

How can lighter-than-air (LTA) aviation be sustainably commercialized, using sophisticated small LTA UAVs and applied microelectronics? The presentation will highlight the benefits and potential applications of LTA UAVs and the role of applied microelectronics in their further development.

Also, it will discuss the challenges and lack of scaling laws that hinder the large-scale use of LTA systems. The aim of the presentation is to provide an understanding of the sustainable commercialization of LTA technology and to explore innovative approaches.

09:15 Keynote | Gian Paolo Bassi, Executive Vice President of 3DEXPERIENCE Works | [Dassault Systèmes](#)

Sustainable Innovation: Achieve Business Excellence in Design, Simulation, Manufacturing, Governance and Marketing with 3DEXPERIENCE Works

Regardless of whether it is a large corporation, a small or medium-sized enterprise or a startup: value creation through sustainable innovation across the product lifecycle is the top priority of today's businesses in all industries. Digital continuity is key to achieve business excellence in relevant domains – design, simulation, manufacturing, governance and marketing. With its holistic approach, the open 3DEXPERIENCE platform and its applications connects data and people within a company and its extended ecosystem to improve collaboration and leverage the knowledge and know-how of all stakeholders. This way, companies can stay competitive and profitable.

09:35 Keynote | Annegret Cox, EuroCentral Value Engagement Director | [Dassault Systèmes](#)

Value Engagement - Transforming Business for a Stronger Tomorrow

Dassault Systèmes developed its Value Engagement model specifically to deliver success on high-risk, must-succeed digital business transformation projects by leveraging proven consulting practices and services. Unlike other consultants who focus primarily on what software to buy, our experts determine the need to make a customer's business more agile, resilient and sustainable, and how best to achieve it. Value Engagement benefits from nearly 40 years of Dassault Systèmes experience in transformative digital projects across nearly a dozen industries.

This presentation will discuss how to apply the best strategies and practices to each client's unique challenges, cross-pollinating each project with new perspectives and fresh ideas.

PLENARY SESSION 08:45 – 10:40 | Spectrum A | Registration 08:00**09:55 Panel Discussion****Innovating Today – Disruptive Thinking**

Explore the power of breaking away from conventional thoughts and challenging the status quo to unlock innovation and progress. The panel of experts will delve into the mindset shifts needed to foster disruptive thinking, the role of curiosity and risk-taking, and how to cultivate an environment that encourages unconventional ideas. Gain insights into how disruptive thinking can reshape industries, drive transformative solutions, and shape a brighter future for businesses and society at large. Prepare to be inspired and ready to embrace the untapped potential of disruptive thinking.

Moderation:

Jennifer Boone, Moderator

Morgan Zimmermann, CEO NETVIBES | [Dassault Systèmes](#)

Panelists:

Dr. Michael Riesener, Managing Chief Engineer | [RWTH Aachen University](#)

Philipp Glonner, CEO | [ARTHUR BUS GmbH](#)

Klaus Roos, Managing Director | [Alen Fresh Growth & Change Atelier GmbH & Co. KG](#)

Dr. Jennifer Jana Jung, Manager Operations | [Marvel Fusion GmbH](#)

Coffee Break 10:40 – 11:00

PARTNER TRACK 11:00 – 13:10 | Vanadium 2**GROW TOGETHER: THE TIME TO ACT IS NOW**

The virtual twin creates a host of business opportunities for an eco-system with the skills and capacity to support companies in their digital transformation process. Join us in this track for insights on our partner business: What has happened in our joint business since 2022? How has Dassault Systèmes redefined the partner strategy to realize new business opportunities and attract new partners? How do we tackle market opportunities and challenges and come up with an outstanding offering to customers? Let's join forces to increase customer value and grow our joint business!

11:00 Welcome & Opening

Jeroen Buring, Partner Sales Management Senior Director & Member of the EuroCentral Management Board | [Dassault Systèmes](#)

Dr. Angelika Scheifele, Partner Management Senior Sales Director EuroCentral | [Dassault Systèmes](#)

11:10 Business Update "Latest and Greatest"

Dominic Kurtaz, Managing Director EuroCentral | [Dassault Systèmes](#)

11:40 Dassault Systèmes' Strategy for Partners

John Kitchingman, Senior Vice President Global Customer Engagement | [Dassault Systèmes](#)

PARTNER TRACK 11:00 – 13:10 | Vanadium 2**12:10 Executive Roundtable: Collaboration for Customer Value**

Dieter Sauer, Partner Sales Management Senior Director & Member of the EuroCentral Management Board | [Dassault Systèmes](#)

Jeroen Buring, Partner Sales Management Senior Director & Member of the EuroCentral Management Board | [Dassault Systèmes](#)

Sébastien Chaumiole, Managing Director | [valexcon GmbH](#)

Dr. Karolina Najdek, Vice President Strategic Digital Transformation and Innovation | [DataArt GmbH](#)

Pawel Mierzwa, Vice President Sales Operations and Co-Founder | [Andea Solutions Sp. z o.o.](#)

John Kitchingman, Senior Vice President Global Customer Engagement | [Dassault Systèmes](#)

Rolf Wiedmann, Managing Director | [TECHNIA GmbH](#)

Uwe Burk, Bereichsvorstand PLM | [Bechtle AG](#)

12:50 Dassault Systèmes Q&A Session

Dr. Angelika Scheifele, Partner Management Senior Sales Director EuroCentral | [Dassault Systèmes](#)

13:05 Wrap-Up

Dieter Sauer, Partner Sales Management Senior Director & Member of the EuroCentral Management Board | [Dassault Systèmes](#)

Dr. Angelika Scheifele, Partner Management Senior Sales Director EuroCentral | [Dassault Systèmes](#)

3DEXPERIENCE INSIGHTS & BEST PRACTICES 11:00 – 11:25 | 10 min Break | 11:35 – 12:00 | 10 min Break | 12:10 – 12:35 | 10 min Break | 12:45 – 13:10

	Modeling & Simulation	Systems	Platform	Design	Manufacturing	3DEXCITE PIONEERS
	Accelerating Product Development through Integrated Design, Modeling and Simulation More Details	Engineering under Control! How Model-Based Systems Engineering Revolutionizes Product Development in Highly Regulated and Complex Environments More Details	3DEXPERIENCE on the Cloud More Details	Supporting Business Sustainability through Cutting Edge Design and Engineering Technology More Details	Close the Loop! Transform your Global Operations into Circular Value Creation by linking the Virtual and the Real More Details	Creating Convincing Virtual Product Experiences by Real Time Visualization More Details
11:00 – 11:25	<p>Louis Vallance, SIMULIA Industry Process Consultant Specialist Dassault Systèmes</p> <p>Ronny Neubauer, CATIA Industry Process Consultant Senior Dassault Systèmes</p> <p>Abstract</p>	<p>Marcus Liebhardt, Systems Engineering Manager TORC Robotics, Inc.</p> <p>Abstract</p>	<p>Chris Greis, EuroCentral Cloud Advocacy Director Dassault Systèmes</p> <p>Abstract</p>	<p>Thomas Balle, Management Director CATIA Design Industry Process Consult Dassault Systèmes</p> <p>Abstract</p>	<p>Dr. Michael Riesener, Managing Chief Engineer RWTH Aachen University</p> <p>Abstract</p>	<p>11:00 Introduction by Stefan Radauscher</p> <p>11:15 – 11:40 Simon Round, 3DEXCITE Industry Process Consultant Senior Dassault Systèmes Abstract</p>
11:35 – 12:00	<p>Roland Zeillinger, CEO & CTO PRIME aerostructures GmbH</p> <p>Abstract</p>	<p>Martin Pindak, Regional Head, Head of Department Product Value Stream-Development Support, Method Developer HELLA AUTOTECHNIK NOVA, s.r.o.</p> <p>Filip Cieslar, Method Developer HELLA AUTOTECHNIK NOVA, s.r.o.</p> <p>Abstract</p>	<p>Holger Weckend, Senior Specialist Schaeffler Automotive Buehl GmbH & Co. KG</p> <p>Tobias Köppl, Factory Planning Engineer Schaeffler Technologies GmbH & Co. KG</p> <p>Abstract</p>	<p>Alessandro Pasotti, Industrial Designer Pasotti designworks</p> <p>Abstract</p>	<p>Dr. Michael Riesener, Managing Chief Engineer RWTH Aachen University and panelists</p> <p>Abstract</p>	<p>11:50 – 12:15 Simon Round, 3DEXCITE Industry Process Consultant Senior Dassault Systèmes Abstract</p>
12:10 – 12:35	<p>Alex Plebuch, CEO & Co-Founder deltaVision GmbH</p> <p>Abstract</p>	<p>Yves Génevaux, CYBER SYSTEMS Industry Process Senior Consultant Dassault Systèmes</p> <p>Abstract</p>	<p>Andrey Shelekhov, EuroCentral Industry Services Solution Architect Dassault Systèmes</p> <p>Abstract</p>	<p>Taras Weinl, COO GATE Space GmbH</p> <p>Abstract</p>	<p>11:55 – 13:15 will continue after the lunch break</p> <p>Cornelius Jäckel, Product Owner IT BMW AG</p> <p>Andreas Brinkmann, General Manager IT BMW AG</p> <p>Andreas Fuchs, Project Manager BMW AG</p> <p>Nicholas Narang, DELMIA Quintiq Industry Process Consultant Dassault Systèmes</p> <p>Abstract</p>	<p>12:25 – 12:50 Simon Round, 3DEXCITE Industry Process Consultant Senior Dassault Systèmes Abstract</p>
12:45 – 13:10	<p>David Binder-Hirschberger, MODSIM Industry Process Senior Specialist Dassault Systèmes</p> <p>Abstract</p>	<p>Thorsten Gerke, CATIA CYBER SYSTEMS Industry Process Senior Consultant Dassault Systèmes</p> <p>Abstract</p>		<p>Alexander Erler, Team Sustainable Engineering EDAG Engineering GmbH</p> <p>Abstract</p>	<p>11:55 – 13:15</p> <p>Maximilian Muehling, DELMIA Industry Process Consultant Manager Dassault Systèmes</p> <p>Abstract</p>	<p>13:00 – 13:25 Simon Round, 3DEXCITE Industry Process Consultant Senior Dassault Systèmes Abstract</p>

Lunch 13:10 – 15:00

End of Conference 16:00

BUSINESS DRIVER SESSIONS 13:45 – 14:15 | 10 min Break | 14:25 – 14:55 These sessions are repeated to give you the opportunity to experience your top two topics.

BUILDING THE NEXT GENERATION OF SMART & CONNECTED PRODUCTS AND EXPERIENCES

13:45 – 14:15 | Spectrum C+

Thomas Linke, Head of nXBRAKE Lab | [Knorr-Bremse Systeme für Schienenfahrzeuge GmbH](#)

Navigating the Path to Digital Engineering of Highly Dependable Systems – A Practical Approach

Challenge the traditional: MBSE journey demands paradigm shift. The solution lies in gradualism – start simple, define framework, prioritize objectives, collaborate, guide with experts. Result: Enhanced system development– agile, efficient, aligning purpose and process.

14:25 – 14:55 | Spectrum C+

Adel Taghiyar, CATIA Industry Process Consultant | [Dassault Systèmes](#)

The Only Way to Predict the Future is to Invent it!

Transforming into a carbon-free and sustainable world requires a comprehensive approach involving all stakeholders, from governments to industries and individuals. Minor changes to products will not be sufficient to meet environmental goals. Instead, a fundamental rethinking of business models is necessary, focusing on energy efficiency, circularity, material reuse, and waste.

To operationalize this vision and achieve the higher goal, it's essential to understand the entire value chain that needs to be transformed with all its processes, resources, and capabilities.

Systems Engineering and Virtual Twin Technologies are delivering the foundation to plan, communicate and align efficiently and consistently with all stakeholders along the value chain.

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BUSINESS DRIVER SESSIONS 13:45 – 14:15 | 10 min Break | 14:25 – 14:55 These sessions are repeated to give you the opportunity to experience your top two topics.

PROCESS AUTOMATION IN MECHANICAL SIMULATION DURING WHEEL BRAKE DEVELOPMENT

13.45 – 14:15 | 10 min Break | 14:25 – 14:55 | Aurum 2

Jens Bauer, Head of Global Validation and Verification | [Continental Automotive Technologies GmbH](#)

Sebastien Gautier, SIMULIA Sales & Marketing VP | [Dassault Systèmes](#)

In the development of brake calipers, every application needs to be adapted to the design space in the wheel. Thus, for each brake caliper housing, a repetition of standard simulations is needed.

Design Engineers perform basic simulations with the components, Simulation Specialists repeat a more realistic but more complicated simulation. To increase efficiency, our target is to enable Design Engineers to run the more realistic simulation, thus requiring process automation.

In this session Continental will present the simulation setup, model and results – specifically regarding quality and time –, as well as the automated process. Also, a process and tool solution to enable Design Engineers will be shown and discussed.

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BUSINESS DRIVER SESSIONS 13:45 – 14:15 | 10 min Break | 14:25 – 14:55 These sessions are repeated to give you the opportunity to experience your top two topics.

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

13:45 – 14:15 | 10 min Break | 14:25 – 14:55 | Europium 3

Hans-Jürgen Falk, Head of IT-Engineering Solutions | [CLAAS KGaH mbH](#)

Guillaume Vendroux, CEO DELMIA | [Dassault Systèmes](#)

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. But where to start?

This session shows how digital continuity is a key enabler to transition towards a circular economy stimulating innovation and driving business growth. In this context Hans-Jürgen Falk, Head of IT Engineering Solutions at CLAAS, shares insights on how Dassault Systèmes and CLAAS work together to identify and plan the most valuable path to make this a reality.

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BUSINESS DRIVER SESSIONS 13:45 – 14:15 | 10 min Break | 14:25 – 14:55 These sessions are repeated to give you the opportunity to experience your top two topics.

UPGRADING YOUR BUSINESS MODEL WITH EXPERIENCE ECOSYSTEMS

13:45 – 14:15 | 10 min Break | 14:25 – 14:55 | Spectrum B+

Tom Acland, CEO **3DEXCITE** | [Dassault Systèmes](#)

Olivier Savin, CEO | [Blue Spirit Aero \(BSA\)](#)

Eric Feunteun, COO | [Software République - Renault Group](#)

While supply and distribution networks are the lifeblood of manufacturing, software-defined products and always-on direct customer relationships grow in different ecosystems. Makers of advanced products like cars and planes are forming alliances with suppliers and technology companies to deliver the next generation vehicle platforms to power future mobility experiences.

In this session, pioneering CEOs will share their experience and advice for constructing cutting edge industry clusters.

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BUSINESS DRIVER SESSIONS 13:45 – 14:15 | 10 min Break | **14:25 – 14:55** These sessions are repeated to give you the opportunity to experience your top two topics.

EMPOWERING THE WORK-FORCE OF THE FUTURE THROUGH VIRTUAL TWIN

13:45 – 14:15 | 10 min Break | **14:25 – 14:55** | Titanium 3

Dietmar Rostek, Product Manager | [Porsche AG](#)

Dr. Darko Sucic, Central Europe Industry Consultant Senior Director | [Dassault Systèmes](#)

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.

This session will discuss how digital technologies are transforming the way we work needed to succeed in the modern workplace. It 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. 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 ECOSYSTEMS 15:15 – 16:00

Panel Discussion

NEW BUSINESS MODELS FOR THE MANUFACTURING INDUSTRIES: A PANEL DISCUSSION WITH THE VDMA

How does a holistic digital strategy benefit businesses? What are effective ways to radically digitize business models? What qualifications are required for employees to actively drive digital change? How can organizations foster innovative thinking and encourage sustainable transformations? What strategies can be employed to effectively implement innovation within a company?

Under the moderation of Christoph Herr from VDMA, a panel of experts will delve into these questions and provide comprehensive insights.

15:15 – 16:00 | Europium 3

Moderation:

Christoph Herr, Expert for Business Software & Platform Economy | [VDMA e.V.](#)

Panelists:

Meik Billmann, Managing Director | [Industrial Digital Twin Association e.V. \(IDTA\)](#)

Dr. Gunther Kegel, CEO | [Pepperl+Fuchs SE](#)

Dr. Darko Sucic, Central Europe Industry Consultant Senior Director | [Dassault Systèmes](#)

David Knorr, Senior Vice President Global IT | [CLAAS KGaH mbH](#)

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INDUSTRY ECOSYSTEMS 15:15 – 16:00

Panel Discussion

INNOVATION ECOSYSTEM: HOW TO PREVENT EUROPE FROM MISSING OUT?

Three questions to think about and to be discussed in this panel discussion: Are Europe's ecosystems fostering true innovation or just incremental change? What's needed to truly disrupt the status quo? What happens when an individual innovator meets an ecosystem of disruptors? Do they clash or create synergy? Is Europe still running for pole position or already outpaced? A panel of experts will elaborate on these questions and provide their view.

15:15 – 16:00 | Aurum 2

Moderation:**Anne Chevrier**, EuroCentral Growth Marketing Program Senior Manager | [Dassault Systèmes](#)**Panelists:****Henry Claussnitzer**, Business Engagement Manager | [OMRON B.V.](#)**Aschot Kharatyan**, Head of Department | [Fraunhofer-Institut für Entwurfstechnik Mechatronik IEM](#)**Florian Dötzer**, Managing Director | [TUM Venture Lab Aerospace](#)**Marco Karber**, Managing Director | [AES Autonome Energiesysteme GmbH](#)[Back](#)

INDUSTRY ECOSYSTEMS 15:15 – 16:00

Panel Discussion

UNCERTAIN TIMES: CURRENT CHALLENGES AND OPPORTUNITIES IN AEROSPACE & DEFENSE

In today's rapidly evolving global landscape, the Aerospace & Defense (A&D) industry faces a multitude of challenges and uncertainties. From geopolitical tensions to disruptive technological advancements, the industry must constantly adapt to ensure resilience and seize opportunities for growth.

So what does it take? In this panel representatives of the A&D ecosystem will discuss the importance of cross-industry collaboration, supply chain complexity and ways to reduce the environmental impact. They will elaborate on impacts of the changing geopolitical landscape as well as the opportunities of new technologies like AI, Big Data Analytics or MBSE and the talents needed to make it all happen.

15:15 – 16:00 | Spectrum B+**Moderation:****David Ziegler**, Vice President Aerospace & Defense Industry | [Dassault Systèmes](#)**Panelists:****Jason Bysouth**, Head of Digital Design Manufacturing and Services @Future Combat Air System | [Airbus Defense and Space GmbH](#)**Tim Gerkens**, Vice President | [Capgemini Engineering](#)**Johannes Klenke**, Managing Director A&D DACH | [Accenture GmbH](#)**Olivier Savin**, CEO | [Blue Spirit Aero \(BSA\)](#)[Back](#)

INDUSTRY STRATEGY 16:20 – 16:45 | 10 min Break | 16:55 – 17:20 | 10 min Break | 17:30 – 18:00

Track Overview

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

In this session, a mobility supplier will share the concept of Software Defined Vehicles highlighting how the integration of physical and virtual products can transform the mobility experience into a fully digital one.

Furthermore the sessions will explore the challenges faced by customers and the market regarding sustainable public transportation, exploring a potential key solution of a start-up.

16:20 – 16:45 | Titanium 3**Laurence Montanari**, Vice President Transportation and Mobility Industry | [Dassault Systèmes](#)**The Automotive Industry Going Further Together: Looking at the Challenges & Opportunities for a Sustainable & Connected Future**

The automotive industry is now an ever-expanding sector with players from high-tech, energy, infrastructure, public services sectors and more, all coming together to envision a more connected and seamless vision for mobility.

In this session, let's talk about how these new mobility ecosystems are collaborating. How the traditional automotive players are adapting with strategies focused on speed, cost, and agility to develop products with seamless experience. Finally, why the key to all of this is working together through industry partnerships.

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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

16:55 – 17:20 | Titanium 3

Prof. Dr. Dirk Slama, Vice President Partner Ecosystems | [Robert Bosch GmbH](#)**Software-defined Vehicles – When Virtual Meets Physical**

The digital.auto initiative helps bringing truly digital experiences to mobility users. By utilizing the Software-defined vehicle paradigm, new digital features can be developed and deployed much faster. Shift-left testing brings new insights into the user experience at a much earlier time in the development cycle.

By integrating the Software-defined vehicle with 3D vehicle model simulations, the virtual and the physical worlds are fully in synch – giving us the required flexibility along the vehicle development cycle, from early UX tests to production environments.

17:30 – 18:00 | Titanium 3

Philipp Glonner, CEO | [ARTHUR BUS GmbH](#)**Why Greenwashing Won't Cut It Anymore: The Future of Sustainable Public Transportation: Hydrogen Fuel Cell Buses as a Key Solution**

This presentation addresses the challenges faced by customers and the market in terms of sustainable public transportation. It will discuss ARTHUR BUS solution of utilizing hydrogen fuel cell buses as a key solution and highlight the benefits they offer.

Furthermore, it will delve into the development process behind this solution, including technological advancements and implementation strategies.

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INDUSTRY STRATEGY 16:20 – 16:45 | 10 min Break | 16:55 – 17:20 | 10 min Break | 17:30 – 18:00

Track Overview

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.

This session will focus on strategies for navigating these challenges. It 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.

16:20 – 16:45 | Europium 3**Philippe Bartissol**, Vice President Industrial Equipment Industry | [Dassault Systèmes](#)**Transforming Challenges into Opportunities: Strategies for Navigating the Ever-Evolving Industrial Equipment Industry**

Intense global competition, shifting customer demands, stringent regulatory requirements, talent management hurdles, and pressing sustainability concerns converge to test the industry's resilience. To address these challenges head-on, Industrial Equipment companies must embrace innovation at every level, from product development to process optimization. By taking a proactive approach and adopting transformative strategies, manufacturers can propel themselves towards sustainable growth and future-proof their position in the ever-evolving Industrial Equipment industry.

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INDUSTRY STRATEGY 16:20 – 16:45 | 10 min Break | 16:55 – 17:20 | 10 min Break | 17:30 – 18:00**INDUSTRIAL EQUIPMENT****16:55 – 17:20 | Europium 3****David Knorr**, Senior Vice President Global IT | [CLAAS KGaH mbHs](#)**The Digital Tandem at CLAAS – A New Level of Sustainable Collaboration**

The value contribution of the IT depends to a large extent on the close partnership with business experts. CLAAS IT has implemented exactly that: the “Digital Tandem”. Even the IT strategy is based on the vision „we enable our partners to be the best in their business“. In this presentation, you will learn how CLAAS uses the „Digital Tandem“ to implement this organizationally.

17:30 – 18:00 | Europium 3**Dr. Ulrich Schwenken**, CEO | [Trützschler Group SE](#)**ONE Trützschler goes with 3DEXPERIENCE**

Trützschler is a leading manufacturer of textile machinery solutions. Customer solutions are configured based on individual requirements and manufactured in series. The solutions are used by the customers in a price-sensitive environment in 24/7 operation and are maintained with regard to their product quality. With the introduction of the **3DEXPERIENCE** platform to the existing SOLIDWORKS environment, the prerequisite for the use of Virtual Twins in production and service is created.

This approach enables customized service solutions in the product life cycle that increase machine availability for customers and thus reduce operating costs.

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INDUSTRY STRATEGY 16:20 – 16:45 | 10 min Break | 16:55 – 17:20 | 10 min Break | 17:30 – 18:00

Track Overview

AEROSPACE & DEFENCE**Exploring the Unique Opportunities in the Aerospace and Defense Industry**

In today's rapidly evolving global landscape, the Aerospace & Defense (A&D) industry faces a multitude of challenges and uncertainties. From geopolitical tensions to disruptive technological advancements, the industry must constantly adapt to ensure resilience and seize opportunities for growth.

In this panel discussion featuring representatives from the A&D Ecosystem, we will direct our attention to how digital transformation projects can tackle the challenges the industry is currently encountering and explore recommendations for their effective implementation.

16:20 – 16:45 | Spectrum B+**Evgeny Andruschenko**, Head of Methods & Tools | [Deutsche Aircraft GmbH](#)**Legacy and Innovation: The Dual Forces Driving Deutsche Aircraft's Evolution**

This presentation offers an insightful journey through Deutsche Aircraft's history, acknowledging the advantages of legacy processes and software tools on one side and challenges on the other. The presentation will spotlight the way the Deutsche Aircraft overcomes the challenges and the remarkable progress in digital transformation taking the strategic decision to introduce **3DEXPERIENCE**.

Attendees will gain a comprehensive understanding of the past, present, and visionary future of Deutsche Aircraft's digital transformation, as it propels itself into a new era of innovation and excellence.

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INDUSTRY STRATEGY 16:20 – 16:45 | 10 min Break | 16:55 – 17:20 | 10 min Break | 17:30 – 18:00

AEROSPACE & DEFENCE

16:55 – 17:20 | Spectrum B+

Jannik Anna, Mechanical Engineer | [HIVE Systems GmbH](#)**Redefining the Future of Commercial Drones: HIVE Systems and the Challenges Ahead**

HIVE Systems, an innovative emerging player in the commercial drone industry, focuses on the “Drone as a Service” concept. However, this concept comes along with challenges like regulatory compliance, safety assurance, scalability and growth. The presentation will show how the company integrates **3DEXPERIENCE** in order to address the challenges effectively. Attendees will also experience a live remote drone demonstration showcasing HIVE Systems’ visions becoming reality and get exciting insights into the future of commercial drones.

17:30 – 18:00 | Spectrum B+

Samuel Allag, Development Engineer | [Hirth Engines GmbH](#)Antonio Colaciello, Development Engineer | [Hirth Engines GmbH](#)**From Catia V5 to Catia 3DX Cloud Solution**

This session focuses on the migration from CATIA V5 to the CATIA **3DEXPERIENCE** cloud solution. CATIA V5 is file based and poses challenges such as long loading times in mobile office and its only accessibility through R&D. Furthermore, it is laborious and error-prone to maintain the structure and create revisions. Allag und Colaciello are going to describe the implementation of **3DEXPERIENCE** as a cloud solution as well as its benefits.

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INDUSTRY STRATEGY 16:20 – 16:45 | 10 min Break | 16:55 – 17:20 | 10 min Break | 17:30 – 18:00

Track Overview

HIGH-TECH**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 session explores how digitalization and PLM streamline innovation and enhance consumer experiences.

Attendees will gain insights into the latest trends, best practices in product development, and the pivotal role played by Dassault Systèmes. Whether a startup or an established player, this session provides valuable insights on how digitalization and PLM can drive business success by enabling innovative electronic experiences.

16:20 – 16:45 | Neon 2**Stéphane Sireau**, Vice President High-Tech | [Dassault Systèmes](#)**Transforming your High-Tech Product Development with Virtual Twin Experiences**

In this age of AI, 5G and industrial IOT, high-tech products need to be smart, always-connected, high performance, miniaturized and energy efficient electronic systems.

This session will share best practices to build the most compelling electronic products. It will start from the end-experience with a 360° approach to build connected systems inclusive of chips, electronics, batteries and networks. Continuing to explore how Virtual Twin Experiences can help drive innovation and collaboration while meeting your sustainability commitments.

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INDUSTRY STRATEGY 16:20 – 16:45 | 10 min Break | 16:55 – 17:20 | 10 min Break | 17:30 – 18:00**HIGH-TECH****16:55 – 17:20 | Neon 2****Dr. Roman Mukin**, Scientist | [Corporate Research ABB Switzerland Ltd](#)**Thermal Convection Modeling Inside Power Devices Under High-Rated AC with SOLIDWORKS**

Efficient thermal management is essential for high-rated AC power devices, necessitating precise heat removal calculations. The approach employs SOLIDWORKS, integrating an in-house E/M solver with a flow simulation module. Critical AC factors like induction and skin effects are considered to enhance accuracy.

The results demonstrate strong alignment with high-fidelity CFD simulations, affirming the effectiveness of ABB's methodology in optimizing power device designs for improved performance and reliability.

17:30 – 18:00 | Neon 2**Margot Gyllerup**, Business Developer Smart Manufacturing | [Ericsson AB](#)**Turn 5G Connectivity into Productivity**

Are your current technical solutions falling short, leaving more to wish of your quality, productivity, and worker safety goals? It's not just a coincidence; it's the harsh reality of struggling to weave together disjointed applications and achieve real-time data exchange with a semblance of reliability and predictability. The culprit? It may very well be your choice of connectivity technology. This presentation will be sharing experiences of innovative manufacturers that leverage private 5G networks on their transformation journey to improve their business targets.

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INDUSTRY STRATEGY 16:20 – 16:45 | 10 min Break | 16:55 – 17:20 | 10 min Break | 17:30 – 18:00

Track Overview

HOME & LIFESTYLE**Designing an Optimal Transformation Strategy for the Home & Lifestyle Industry**

As the Home & Lifestyle Industry evolves in the new economy, placing the consumer at the heart of its strategy is imperative. This entails simplifying consumer decision-making, exciting them with innovative and sustainable products and experiences, accelerating customization and manufacturing, and refining distribution to ensure timely and precise deliveries.

The session will concentrate on strategies for Furniture & Home Goods, Sports & Leisure Goods and Fashion & Luxury Goods that drive product innovation, flexible operations and supply chain optimization.

16:20 – 16:45 | Aurum 2

Philippe Loeb, Vice President Home & Lifestyle and CPG-Retail Industries | [Dassault Systèmes](#)**Accelerate Sustainable Innovation for Successful Home & Lifestyle Experiences**

Imagine a world where products are tailored to exceed your personal expectations enriching your lifestyle and inspiring new ways of living. This session will demonstrate the remarkable potential of Virtual Twin Experiences, empowered by the **3DEXPERIENCE** platform, as it delves into how companies can streamline their end-to-end product development processes – from ideation to purchase – within the rapidly evolving consumer-centric landscape. It will explore the fusion of product creation, production, marketing, and physical commerce, offering delightful and sustainable experiences that can be personalized before making a purchase.

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INDUSTRY STRATEGY 16:20 – 16:45 | 10 min Break | 16:55 – 17:20 | 10 min Break | 17:30 – 18:00**HOME & LIFESTYLE**

16:55 – 17:20 | Aurum 2

Jürg Huber, Head of R&D Applications | [Geberit AG](#)**3DEXPERIENCE Strategy in a Strong Expanding Company**

The Geberit Group has grown strongly in recent years. How do you manage to integrate new engineering and manufacturing sites into a new digital development platform and link them to the surrounding systems? Geberit decided for the concept of a single „CAD/PLM“ and ERP strategy. Completely new product applications and disciplines must be rolled out and supported by the CAx/PLM team.

17:30 – 18:00 | Aurum 2

Sébastien Chaumiole, Managing Director | [valexcon GmbH](#)Melanie Boll, Head of Product Data Management | [Metabowerke GmbH](#)**Transforming Consumer Goods Innovation: Metabo's 3DEXPERIENCE Journey**

Pioneering Germany's consumer goods sector, Metabo launched a transformation program in 2016, empowering faster innovation. From migrating product data from SmarTeam to **3DEXPERIENCE** CATIA, integrating development centers, they now extend their roadmap to change management and collaboration within Koki Group – all enabled by the **3DEXPERIENCE** platform!

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3DEXPERIENCE INSIGHTS & BEST PRACTICES 11:00 – 13:10

Track Overview

MODELING & SIMULATION

Accelerating Product Development through Integrated Design, Modeling, and Simulation

Discover how the integration of design, modeling, and simulation can propel progress to new heights. These sessions will delve into the transformative utilization of Multiphysics simulation in the early stages of product development.

It will emphasize the crucial role of upfront verification and validation during the design concept stage, enabling businesses to mitigate the risks of late-stage failures and costly reworks. This is the opportunity to uncover the keys to maximizing efficiency and minimizing setbacks in the development journey.

11:00 – 11:25 | Spectrum B+

Louis Vallance, SIMULIA Industry Process Consultant Specialist | [Dassault Systèmes](#)

Ronny Neubauer, CATIA Industry Process Consultant Senior | [Dassault Systèmes](#)

Unleashing Efficiency, Quality and Competitiveness using the MODSIM Approach on 3DEXPERIENCE

Bringing **design** and **simulation** closer together promises considerable cost and time savings, fewer failures and increased competitive advantage. However, implementation is often hampered by departmental silos, lack of compatibility, and data flow issues, to name a few examples.

By combining CATIA and SIMULIA on the **3DEXPERIENCE** platform, designers can move between design and simulation without losing time spent on data conversion or downtime. This allows for rapid review and design optimization, leading to improved product quality and cost savings.

We showcase the benefits of **MODSIM** using a PET bottle as the reference product. Advanced tools for collaboration, connected design and simulation on the **3DEXPERIENCE** platform are highlighted.

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3DEXPERIENCE INSIGHTS & BEST PRACTICES 11:00 – 13:10**MODELING & SIMULATION****11:35 – 12:00 | Spectrum B+****Roland Zeillinger**, CEO & CTO | [PRIME aerostructures GmbH](#)**European Collaborative Research for Tilt Rotor Integrated Air Intake using the 3DEXPERIENCE platform**

An international collaborative research team developed an integrated engine air intake and protection system for a Tilt Rotor Aircraft within the EU CleanSky2 Framework. This is geared on two key enabling technologies: a removable thermoelectric ice protection system based on layered heater technology and a vortex tubes filter for protecting the engine from ingestion of particles in harsh environment.

The presentation shows why collaboration is a key factor, complementing the technical solutions provided by each company. PRIME, responsible for structural design and simulation, facilitated the integration of data from all partners by utilizing the **3DEXPERIENCE** platform on the cloud.

12:10 – 12:35 | Spectrum B+**Alex Plebuch**, CEO & Co-Founder | [deltaVision GmbH](#)**High Speed Full Stack HW Development within an Aerospace Start-up**

In Multiphysics product development, mastering various physics disciplines poses a challenge, leading to long workflows, high costs and a lack of complete product understanding among individual members of the development team with „specialist bunkers.“

This session introduces deltaVision’s approach: Each team member shall be equipped with expertise in relevant disciplines (CFD, FEM, Magnetics) for quick pre-design assessments. This requires highly integrated and intuitive tools like **3DEXPERIENCE**. Empowering each member results in better product understanding, ultra-fast development, incremental advancements, and team empowerment, benefiting the company’s identification and responsibility.

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3DEXPERIENCE INSIGHTS & BEST PRACTICES 11:00 – 13:10**MODELING & SIMULATION**

12:45 – 13:10 | Spectrum B+

David Binder-Hirschberger, MODSIM Industry Process Senior Specialist | [Dassault Systèmes](#)**Unlocking the Next Step Change in Engineering Productivity with AI powered by MODSIM**

MODSIM is much more than just another methodology for combining design and simulation; it is integrated directly into **3DEXPERIENCE** as a core technology, providing a seamless environment for product design and simulation.

This session will focus on one of our new MODSIM roles – Concept Structure Engineer. We will explore its key technology and demonstrate how it unlocks the power of Machine Learning enabling substantial gains in productivity.

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3DEXPERIENCE INSIGHTS & BEST PRACTICES 11:00 – 13:10

Track Overview

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.

11:00 – 11:25 | Aurum 2

Marcus Liebhardt, Systems Engineering Manager | [TORC Robotics, Inc. \(An independent subsidiary of Daimler Truck AG\)](#)**Advancing Automated Driving Development at Torc with Model-Based Systems Engineering**

Highly Automated Driving Systems are complex and safety critical. The latter is particularly important in the application to trucking. The industry addresses these challenges with a range of best practices, which, however, often require significant efforts. Model-Based Systems Engineering offers several advantages, which reduce these efforts, thereby boosting the development and application of highly automated driving systems.

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3DEXPERIENCE INSIGHTS & BEST PRACTICES 11:00 – 13:10**SYSTEMS****11:35 – 12:00 | Aurum 2****Martin Pindak**, Regional Head, Head of Department Product Value Stream-Development Support, Method Developer | [HELLA AUTOTECHNIK NOVA, s.r.o.](#)**Filip Cieslar**, Method Developer | [HELLA AUTOTECHNIK NOVA, s.r.o.](#)**Engineering and Simulation of Vehicle Headlamp Systems**

In recent years, headlamps in automotive industry have evolved into complex products. From simple bulb device, the technology of light systems has advanced to LED systems with dynamic light distribution and many functions to enhance the flare on the street. Developing such a system can be improved with the right simulation approach. As the complexity of system grows, the number of simulated problems also increases. One of newest simulation methods used at HELLA FORVIA (Lighting division) is the System Simulation Approach.

The session will explore how Dymola behavioral modeling within the **3DEXPERIENCE** platform is employed to integrate CAD and simulation data, supporting the project teams throughout the entire development process.

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3DEXPERIENCE INSIGHTS & BEST PRACTICES 11:00 – 13:10

SYSTEMS

12:10 – 12:35 | Aurum 2

Yves Génevaux, CYBER SYSTEMS Industry Process Senior Consultant | [Dassault Systèmes](#)

The Missing Link Between MBSE and Model-Based Design

Stimulus extends the use of models to a level of details that SysML can hardly capture and improves many Verification & Validation activities: in Stimulus, textual requirements are formalized, executable and are intrinsically part of the MBSE model.

Stimulus is complementary to CATIA Magic (former CAMEO) and to the **3DEXPERIENCE** platform. In order to ensure the digital continuity during this end-to-end MBSE process, connections between CATIA Magic and the **3DEXPERIENCE** on the one hand, and Stimulus on the other hand are available. The MBSE-based process starts from the early steps of the specification activities and support engineers until the final system validation. The session will present Stimulus and its new integration facilities with CATIA Magic and with the **3DEXPERIENCE** platform.

12:45 – 13:10 | Aurum 2

Thorsten Gerke, CATIA CYBER SYSTEMS Industry Process Senior Consultant | [Dassault Systèmes](#)

Software Defined Vehicle – From System Specification in CATIA Magic to Embedded Software

The automotive industry is shifting towards a new era of mobility experience, driven by digital transformation and embedded SW implementations. To maintain consistency between system specifications in SysML and automotive software engineering, this session teaches attendees to connect SysML specs to detailed AUTOSAR compliant embedded software design. Learn to generate artifacts like arxml files for seamless transition from system to software, and C/C++ source code for APIs and behavioral descriptions.

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3DEXPERIENCE INSIGHTS & BEST PRACTICES 11:00 – 13:10

Track Overview

PLATFORM**3DEXPERIENCE on the Cloud**

In today's fast-paced and dynamic business landscape, Software as a Service (SaaS) has emerged as a game-changer. This track will first explore SaaS abilities and advantages in general. Different customer examples showcase how a SaaS offering can speed up transition to a fully integrated 3D environment and empower teams to work seamlessly together.

The collaboration capabilities of **3DEXPERIENCE** platform are instrumental in these customer transitions and are driving innovation in the digital manufacturing facility. In another scenario, SaaS serves as a convenient door opener, allowing for swift deployment of a point solution.

11:00 – 11:25 | Helium**Chris Greis**, EuroCentral Cloud Advocacy Director | [Dassault Systèmes](#)**Unleashing the Power of Software as a Service (SaaS): Revolutionizing Your Business**

In today's fast-paced and dynamic business landscape, Software as a Service (SaaS) has emerged as a game-changing solution for enterprises. The session explores the numerous advantages of adopting SaaS, including its ability to revolutionize traditional software delivery models while enhancing cybersecurity measures. With its cloud-based nature, SaaS offers unparalleled flexibility, scalability, and accessibility, empowering organizations to streamline operations, optimize costs, and enhance productivity.

Furthermore, SaaS eliminates the need for complex infrastructure setups, reduces maintenance overheads, and enables seamless updates and upgrades, all while providing robust cybersecurity measures to safeguard sensitive data. Discover how SaaS can propel your business!

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3DEXPERIENCE INSIGHTS & BEST PRACTICES 11:00 – 13:10**PLATFORM****11:35 – 12:00 | Helium****Holger Weckend**, Senior Specialist | [Schaeffler Automotive Buehl GmbH & Co. KG](#)**Tobias Köppl**, Factory Planning Engineer | [Schaeffler Technologies Buehl GmbH & Co. KG](#)**Efficiency & Innovation: Schaeffler's Transition to 3D with 3DEXPERIENCE**

Schaeffler describes their transition from 2D to an integrated 3D planning environment, facilitated by the **3DEXPERIENCE** platform. The platform enables effective collaboration, promotes real-time exchange of 3D models, and improves coordination in complex projects. The 3D visualization boosts process simulation and enhances operational efficiency. The collaborative functions were pivotal for the successful transition, fostering innovation.

12:10 – 12:35 | Helium**Andrey Shelekhov**, EuroCentral Industry Services Solution Architect | [Dassault Systèmes](#)**Digital Continuity Between 3DEXPERIENCE on Cloud and ERP**

PLM integration with Enterprise Systems such as ERP is a crucial topic for businesses, especially those involved in manufacturing, engineering, and product development. Data continuity between **3DEXPERIENCE** based PLM and ERP enables cloud customers to streamline their processes, automate their tasks and to reduce manual interventions in order to increase productivity and reduce the risk of errors and delays. This presentation introduces the main aspects of **3DEXPERIENCE** on cloud platform integration with ERP systems. Based on experiences gathered in multiple Dassault Systèmes Industrial Service (DSIS) projects with different customers, best practices of introducing ERP integration in customer IT architectures are highlighted.

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3DEXPERIENCE INSIGHTS & BEST PRACTICES 11:00 – 13:10

Track Overview

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.

11:00 – 11:25 | Radon**Thomas Balle**, Management Director CATIA Design Industry Process Consult | [Dassault Systèmes](#)**CATIA CREATIVE DESIGN – Creative R|Evolution**

Creative Designers' mission today is about not only creating compelling user experiences and products, but sustainable innovation. The societal impacts of Design and cross-disciplinary collaboration are growing in importance. On top, Artificial Intelligence is challenging human creativity and the human perspective on Design in general.

This session will outline how CATIA Creative Design solutions powered by the **3DEXPERIENCE** platform support creatives in facing those challenges and how they help them to keep the necessary competitive edge in a highly competitive and fast changing world.

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3DEXPERIENCE INSIGHTS & BEST PRACTICES 11:00 – 13:10

DESIGN

11:35 – 12:00 | Radon

Alessandro Pasotti, Industrial Designer | [Pasotti designworks](#)**Why Industrial Designers Need the Power of 3DEXPERIENCE CATIA**

During this session, discover how Alessandro Pasotti is pushing forward his creativity while mastering the integrated Industrial Design workflow thanks to the power of **3DEXPERIENCE CATIA**.

From 3D sketching to concept modeling with visualization for communication and decision-making, and from technical design to complex assembly up to manufacturing preparation, Alessandro will embark us in his Industrial Design journey.

12:10 – 12:35 | Radon

Taras Weini, COO | [GATE Space GmbH](#)**Enabling the Next Generation of Spacecraft: GATE Space's Industrial Approach to In-Space Mobility using 3DEXPERIENCE SOLIDWORKS**

GATE Space industrializes how satellites move in space. With the introduction of affordable launch vehicles, which are drastically decreasing the cost of getting payload to space, the space sector is undergoing a real renaissance. A rapidly increasing number of new commercial satellites needs propulsion systems for orbital maneuvers, longer lifespans and regulatory compliancy, but heritage solutions on the market offer neither scalability nor sustainability.

GATE Space is rethinking propulsion systems for use on an industrial scale in space. With the first product – the GATE Jetpack – currently in development, GATE Space offers an affordable off-the-shelf solution that is installed plug-and-play to an already existing interface and provides satellites with high performance mobility and flexibility over the whole lifetime.

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3DEXPERIENCE INSIGHTS & BEST PRACTICES 11:00 – 13:10**DESIGN**

12:45 – 13:10 | Radon

Alexander Erler, Team Sustainable Engineering | [EDAG Engineering GmbH](#)**Life-Cycle Assessment based Sustainable Vehicle Engineering**

The presentation showcases the societal challenges the product development is encountering in the near future. How life-cycle assessments can contribute to improve our footprints will be explained in further detail, with a focus on implementing them into the early development steps. This will be done by presenting the results of an analysis of a novel two-wheeler concept using **3DEXPERIENCE** tools.

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3DEXPERIENCE INSIGHTS & BEST PRACTICES 11:00 – 16:15

Track Overview

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. The need for sustainable production 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 keynote given by Dr. Michael Riesener, RWTH Aachen University, and get inspired how to upgrade Circular Economy with the Internet of Sustainable Production. Subsequent sessions include holistic planning from S&OP to advanced scheduling, digital continuity, the use of augmented reality to support production execution with virtual information as well as exclusive customer insights on digitalization of the demand and supply planning processes using the example of the BMW Group's high-voltage battery and drive train production.

11:00 – 11:30 | Europium 3

Dr. Michael Riesener, Managing Chief Engineer | [RWTH Aachen University](#)**Upgrade Circular Economy with the Internet of Sustainable Production**

To ensure a long-term sustainable and economic production, today's manufacturers face the challenge of transforming their global operations to a circular value creation. The transformation to a Function and Upgrade Circular Economy offers the greatest potential, as it is not only resource efficient but also profitably feasible. In the context of the Internet of Sustainable Production and with the use of Digital Product Files, the framework for the Circular Production Economy shows how the transformation to the Upgrade Circular Economy can succeed.

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3DEXPERIENCE INSIGHTS & BEST PRACTICES 11:00 – 16:15

MANUFACTURING

11:30 – 11:45 | Europium 3

Panel Discussion

Moderation by:

Dr. Michael Riesener, Managing Chief Engineer | [RWTH Aachen University](#)

and panelists

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3DEXPERIENCE INSIGHTS & BEST PRACTICES 11:00 – 16:15**MANUFACTURING**

11:55 – 13:15 will continue after the lunch break **15:00 – 16:15** | [Europium 3](#)

Cornelius Jäckel, Product Owner IT | [BMW AG](#)

Andreas Brinkmann, General Manager IT | [BMW AG](#)

Andreas Fuchs, Project Manager | [BMW AG](#)

Nicholas Narang, DELMIA Quintiq Industry Process Consultant | [Dassault Systèmes](#)

Moving towards Green & Resilient Supply Chains

Moving towards a green and resilient supply chain is not a one-man job. It requires complete transparency and collaborative planning across the entire value network to achieve robustness against external disruptions. That is why this breakout session puts its focus on the DELMIA Quintiq solutions - Macro Planner, Company Planner as well as Scheduler – equipping any organization with the right technology to make sustainable and future-proof practices happen.

Learn more about solutions to plan your production, latest product developments and how our product strategy will help you to tackle your challenges ahead. Let's move towards a green and resilient supply chain – together!

And what does it look like in practice? Exclusive customer insights on “Digitalization of the Demand and Supply Planning Processes using the Example of the BMW Group’s High-Voltage Battery and Drive Train Production” will be shared.

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3DEXPERIENCE INSIGHTS & BEST PRACTICES 11:00 – 15:30**MANUFACTURING****11:55 – 13:15 | Neon 2****Maximilian Muehling**, DELMIA Industry Process Consultant Manager | [Dassault Systèmes](#)**Samuel Marianne**, Industry Process Consultant | [Dassault Systèmes](#)**Julian Wirkner**, Industry Process Consultant | [Dassault Systèmes](#)**Linking the Virtual and the Real – a Comprehensive Example**

Digital Continuity is a powerful concept, yet sometimes hard to grasp. This session will showcase how Dassault Systèmes' manufacturing portfolio can be used to bring the connection between the virtual world of process planning and simulation and the real world of manufacturing execution to life.

The link is a physical demonstrator that leverages planning content from the **3DEXPERIENCE** platform to guide production operators in the execution of an assembly task by augmented experiences. The results of the operation are captured and eventual deviations will be sent back to engineering for review and process improvement. Follow the data circling our IFWE-Loop.

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3DEXPERIENCE INSIGHTS & BEST PRACTICES 11:00 – 13:25

Track Overview

3DEXCITE PIONEERS**Creating Convincing Virtual Product Experiences by Real Time Visualization**

Experience the power of virtual product experiences in three use-cases step by step. Witness the art of creating product contexts within virtual experiences and immersive environments, as the presentation showcases the seamless integration of interactivity using natural language, enabling you to engage users effortlessly. Discover the possibilities of media release made easy, as you witness 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.

Engage in an enlightening Q&A session. **3DEXCITE** experts will address your questions and provide valuable insights.

Moderation:

Stefan Radauscher, **3DEXCITE** Learning Experience Senior Specialist | [Dassault Systèmes](#)

Speaker:

Simon Round, **3DEXCITE** Industry Process Consultant Senior | [Dassault Systèmes](#)

11:00 – 11:15 | [Palladium](#)

Introduction

11:15 – 11:40 | [Palladium](#)

Create Great Virtual Product Experiences PART 1: Product Context in Virtual Experiences

Step-by-step showcase on how to create product contexts within virtual experiences illustrated along a journey into immersive environments that bring your products to life. (With Ambience Studio, Planets Studio and Human Animation Studio)

[Back](#)

3DEXPERIENCE INSIGHTS & BEST PRACTICES 11:00 – 13:25**3DEXCITE PIONEERS****11:50 – 12:15 | Palladium****Create Great Virtual Product Experiences PART 2: Interactivity Creation in Virtual Experiences**

Step-by-step showcase on how to seamlessly integrate interactivity into virtual experiences using natural language, enabling you to engage users effortlessly. (With Creative Experience)

12:25 – 12:50 | Palladium**Create Great Virtual Product Experiences PART 3: Media and glTF Release Made Easy**

Step-by-step showcase on how to export glTF for web 3.0 e-commerce. Unlock new opportunities for your virtual product offerings by rendering pictures, creating turntables and technical illustrations. (With xStudio/xHighlight)

13:00 – 13:25 | Palladium**Create Great Virtual Product Experiences PART 4: Conclusion + Q&A**

Engage with our Trainer and Tech Sales Expert in an in-depth conversation about the future of e-commerce

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SESSION FLOOR PLAN | FIRST FLOOR

18. OCTOBER

SPECTRUM A

10:00 - 12:25 | **PLENARY SESSIONS**

SPECTRUM B+

13:45 - 14:55 | **BUSINESS DRIVER SESSIONS** | UPGRADING YOUR BUSINESS MODEL WITH EXPERIENCE ECOSYSTEMS

15:15 - 16:00 | **INDUSTRY ECOSYSTEMS** | UNCERTAIN TIMES: CURRENT CHALLENGES AND OPPORTUNITIES IN AEROSPACE & DEFENSE

16:20 - 18:00 | **INDUSTRY STRATEGY** | AEROSPACE & DEFENSE

SPECTRUM C+

13:45 - 14:55 | **BUSINESS DRIVER SESSIONS** | BUILDING THE NEXT GENERATION OF SMART & CONNECTED PRODUCTS AND EXPERIENCES

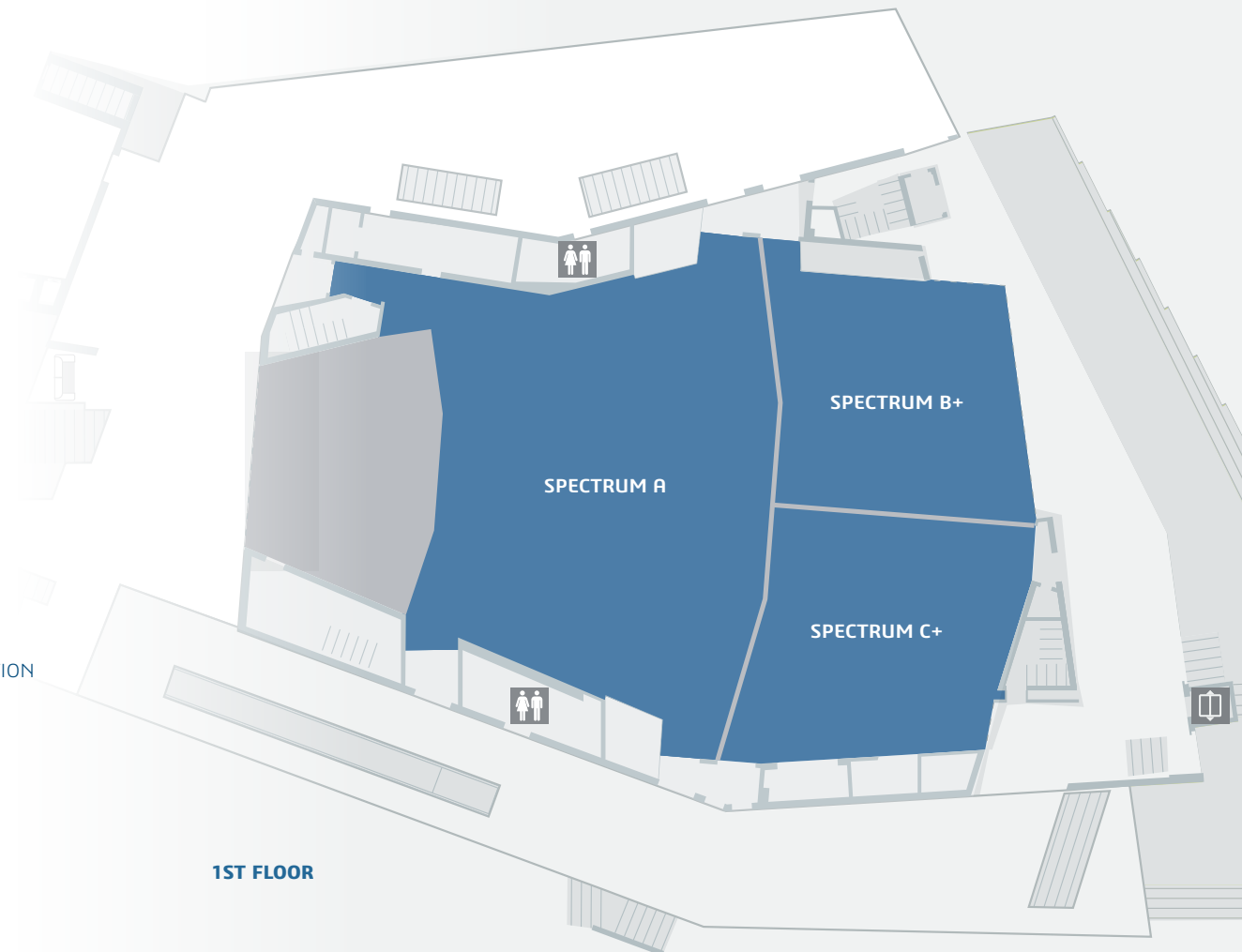
19. OCTOBER

SPECTRUM A

8:45 - 10:40 | **PLENARY SESSIONS**

SPECTRUM B+

11:00 - 13:10 | **3DEXPERIENCE INSIGHTS & BEST PRACTICES** | MODELING & SIMULATION



SESSION FLOOR PLAN | SECOND FLOOR

18. OCTOBER

TITANIUM 3

13:45 - 14:55 | BUSINESS DRIVER SESSIONS | EMPOWERING THE WORK-FORCE OF THE FUTURE THROUGH VIRTUAL TWINS

16:20 - 18:00 | INDUSTRY STRATEGY | TRANSPORTATION & MOBILITY

AURUM 2

13:45 - 14:55 | BUSINESS DRIVER SESSIONS | PROCESS AUTOMATION IN MECHANICAL SIMULATION DURING WHEEL BRAKE DEVELOPMENT VIRTUAL TWINS

15:15 - 16:00 | INDUSTRY ECOSYSTEMS | INNOVATION ECOSYSTEM: HOW TO PREVENT EUROPE FROM MISSING OUT?

16:20 - 18:00 | INDUSTRY STRATEGY | HOME & LIFESTYLE

19. OCTOBER

VANADIUM 2

11:00 - 13:10 | PARTNER TRACK | GROW TOGETHER: THE TIME TO ACT IS NOW

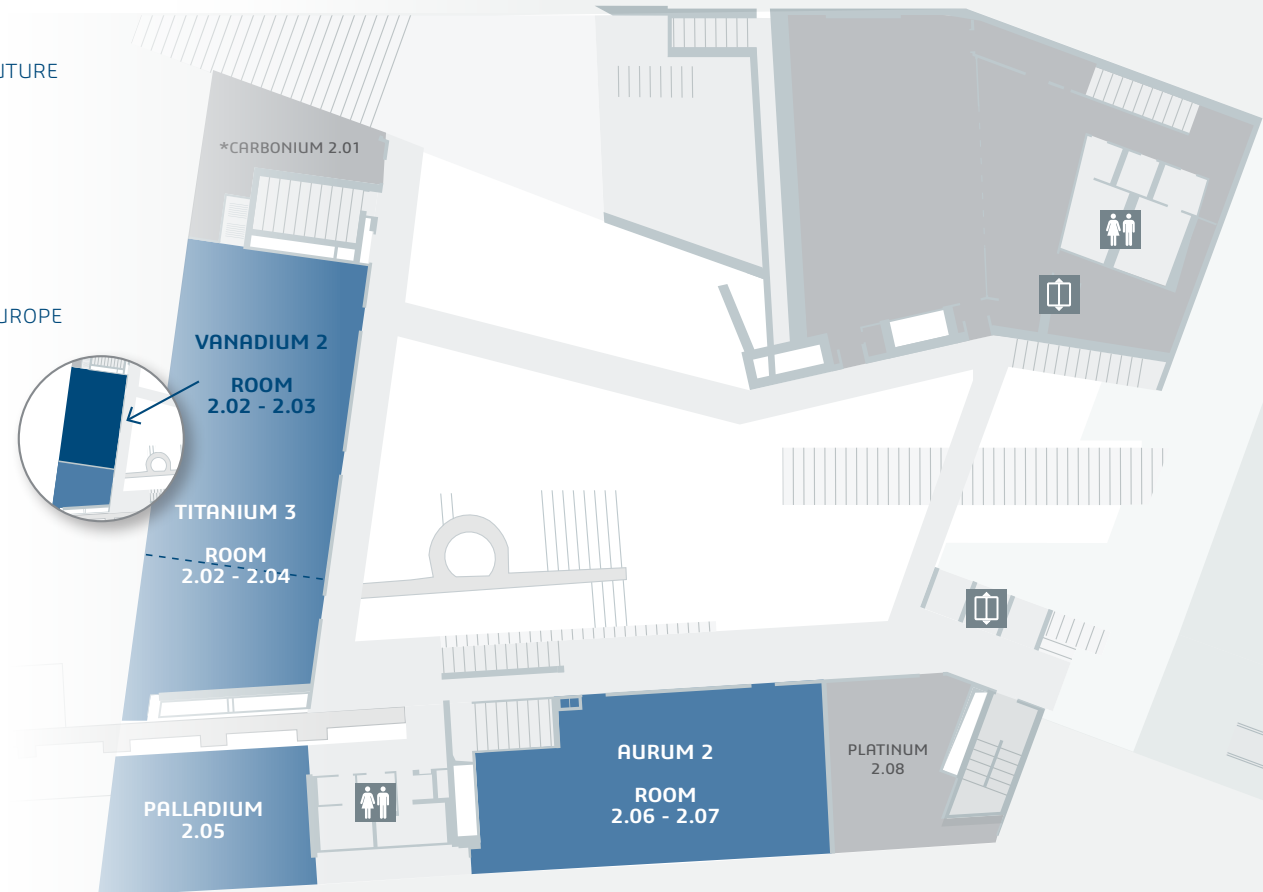
PALLADIUM

11:00 - 13:25 | 3DEXPERIENCE INSIGHTS & BEST PRACTICES | 3DEXCITE PIONEERS

AURUM 2

11:00 - 13:10 | 3DEXPERIENCE INSIGHTS & BEST PRACTICES | SYSTEMS

*PRESCEDULED MEETINGS



SECOND FLOOR

SESSION FLOOR PLAN | THIRD FLOOR

18. OCTOBER

EUROPIUM 3

13:45 - 14:55 | BUSINESS DRIVER SESSIONS | TIME TO GET CIRCULAR: SPAN SUSTAINABLE OPERATIONS WITH VIRTUAL TWIN EXPERIENCE

15:15 - 16:00 | INDUSTRY ECOSYSTEMS | NEW BUSINESS MODELS FOR THE MANUFACTURING INDUSTRIES: A PANEL DISCUSSION WITH THE VDMA

16:20 - 18:00 | INDUSTRY STRATEGY | INDUSTRIAL EQUIPMENT

NEON 2

16:20 - 18:00 | INDUSTRY STRATEGY | HIGH-TECH

19. OCTOBER

EUROPIUM 3

11:00 - 11:45 | 3DEXPERIENCE INSIGHTS & BEST PRACTICES | MANUFACTURING KEYNOTE & PANEL DISCUSSION

11:55 - 13:15 | 3DEXPERIENCE INSIGHTS & BEST PRACTICES** | MANUFACTURING - MOVING TOWARDS GREEN & RESILIENT SUPPLY CHAINS

RADON

11:00 - 13:10 | 3DEXPERIENCE INSIGHTS & BEST PRACTICES | DESIGN

NEON 2

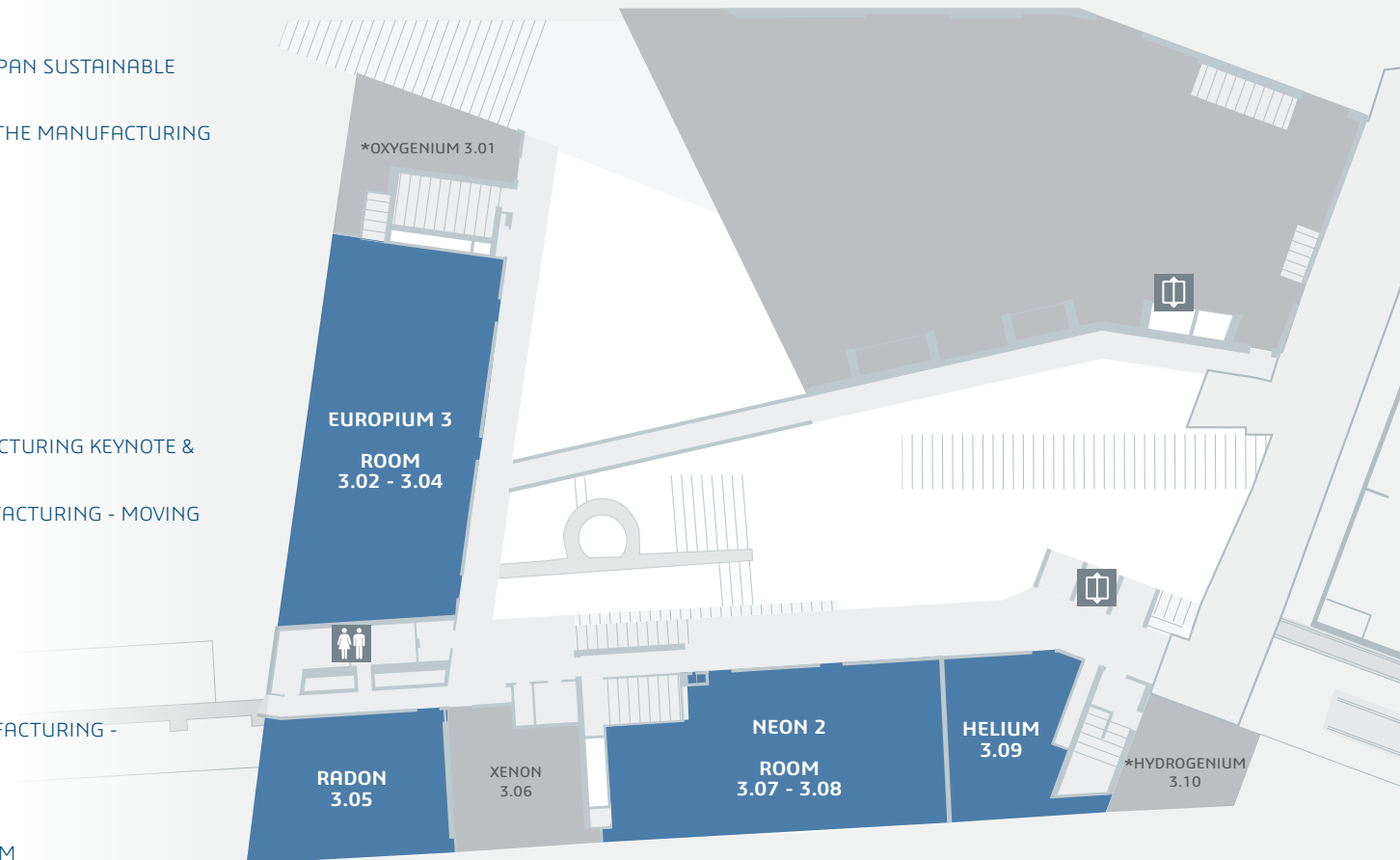
11:55 - 13:15 | 3DEXPERIENCE INSIGHTS & BEST PRACTICES** | MANUFACTURING - LINKING THE VIRTUAL AND THE REAL - A COMPREHENSIVE EXAMPLE

HELIUM

11:00 - 13:10 | 3DEXPERIENCE INSIGHTS & BEST PRACTICES | PLATFORM

*PRESCEDULED MEETINGS

**CONTINUES AFTER LUNCH BREAK AT 15:00



THIRD FLOOR



SUSTAINABILITY AGENDA FOR INNOVATION,
BUSINESS AND PEOPLE – THE TIME TO ACT IS NOW

SEE YOU THERE!

3DEXPERIENCE[®] CONFERENCE

OCTOBER 18 – 19 | DARMSTADT | GERMANY