



3DEXPERIENCE CONFERENCE

SEPTEMBER 14-15, 2022 | DARMSTADT, GERMANY

PLENARY SESSIONS | Registration: 09:00 o'clock | SPECTRUM A

10:00 | Welcome by Yasmine Blair & Dominic Kurtaz

10:05 | Sustainable Innovation in Action: Products & Services, Talents & Organisation, Business Model & Operations
Dominic Kurtaz, Managing Director EuroCentral | Dassault Systèmes

10:25 | Working in the Year 2032: Megatrends fundamentally changing the way we work and innovate
Lars Thomsen, Futurologist and Trend Analyst

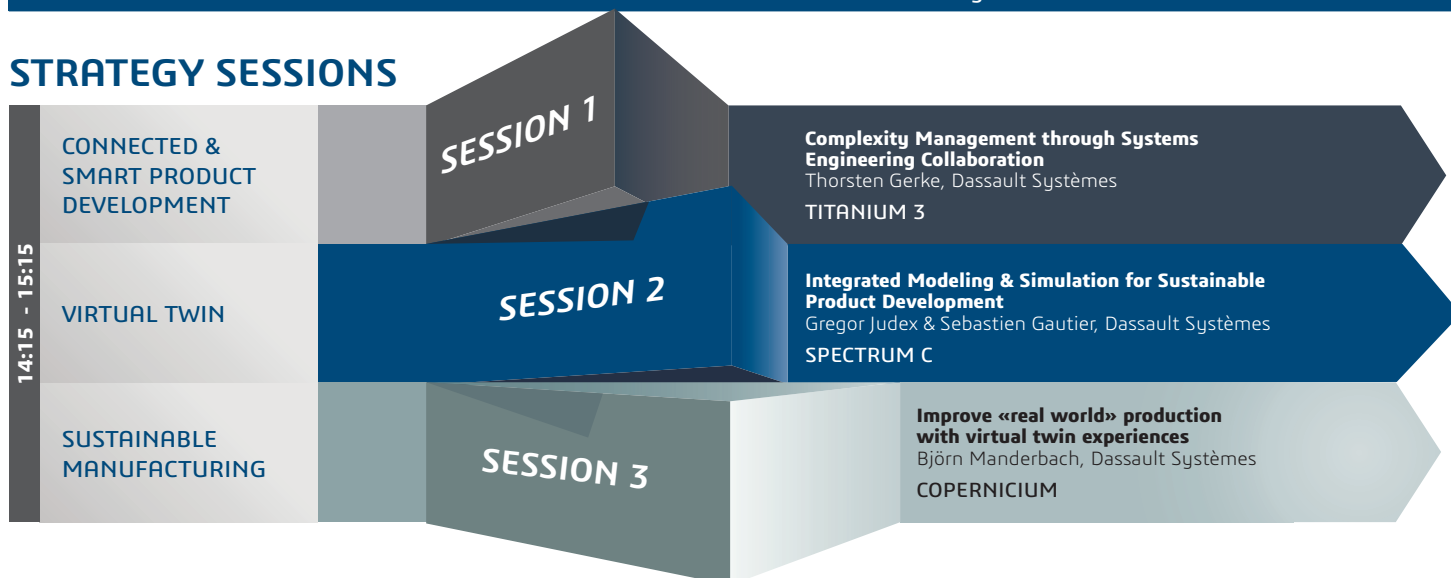
11:00 | Tackling Complexity - Systems Engineering meets PLM | Dr.-Ing. Lukas Bretz, Process Owner MBSE | Miele & Cie. KG

11:30 | Digital Design, Manufacturing & Services (DDMS) @ Airbus Defence & Space – From vision to reality
Andrea Bugar, SVP HO DDMS at Airbus Defence and Space




12:00 | Innovation talk: How can digital technologies be used to build an agile organization and drive sustainable innovation

12:45 - 14:15 | Lunch Break and Networking

STRATEGY SESSIONS



BREAK OUT SESSIONS DAY 1

	SPECTRUM C	COPERNICIUM	TITANIUM 3	AURUM 2
	DESIGN, SIMULATION AND MANUFACTURING	BUSINESS PLATFORM	3DEXPERIENCE OPENNESS & INTEGRATION	3DEXPERIENCE WORKS & SOLIDWORKS
15:45 - 16:15	Shortening electrical development time through a holistic systems engineering approach Morten Huber, Sebastian Aldenhoven & Thomas Bovenderd, Dassault Systèmes	Initialize your Digitalization strategy with the 3DEXPERIENCE platform Michael Lichtenthaeler, Dassault Systèmes	Platform Openness – Importance, technologies and partner solutions at a glance Dr. Tom-David Graupner, Dassault Systèmes	 Worldwide Collaboration – Globale Kommunikationslösung ermöglicht stets Zugriff auf Fertigungsunterlagen in Echtzeit und sichert Wettbewerbsvorteile Patrick Streppelhoff, DELLNER BUBENZER Germany Wind GmbH
16:25 - 16:55	Multidisciplinary Simulation in the 3DEXPERIENCE platform Dr. Daniel Vallicotti, CENIT AG	NPI (New Product Introduction) project management via 3DEXPERIENCE Jiří Koryčan, Edwards Jiří Petr, TechnoDat	3DEXPERIENCE Integration to SAP ECC and SAP S/4HANA Horst Heckhorn, CENIT AG	 Reduzierung der IT-Aufwände & Kosten mit SOLIDWORKS PDM as a Service Mike Wagner, Dassault Systèmes
17:05 - 17:35	Factory 2025 – How Brose achieves Digital Continuity from Engineering into its Production Sites Klaus Roos & Rolf Bucker, Brose Fahrzeugteile SE	Develop KPIs for every user – from CxO to Contributor – to understand and navigate your Digitalization strategy with the 3DEXPERIENCE platform Jan Thomas, Dassault Systèmes	3DEXPERIENCE enterprise Integrations powered by TECHNIA's Integration Framework (TIF) Martin Nölle & Marcus Larsson, TECHNIA GmbH	 Bringen Sie Ihre Produktentwicklung mit einer neuen browserbasierten 3D Modellierungs- und Lebenszyklus Management-Lösung in die Cloud Nick Dzierzon, Dassault Systèmes





18:00 | Evening Event



3DEXPERIENCE CONFERENCE

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BREAK OUT SESSIONS DAY 2 | Registration: 08:30 o'clock

SPECTRUM C	COPERNICIUM	TITANIUM 3	AURUM 2
DESIGN, SIMULATION AND MANUFACTURING	AGILITY THROUGH CLOUD	3DEXPERIENCE OPENNESS & INTEGRATION	3DEXPERIENCE WORKS & SOLIDWORKS
09:15 - 09:45 Assure compliance of functional safety and security standards by using the 3DEXPERIENCE platform Jan Gröver, CLAAS KGaA mbH Anjali Singh, Dassault Systèmes	Customer Experience „PLM as a Service“, Humbel Gear Technology David Gerschweiler, Humbel Gear Technology	Cloud-Cloud-Coupling by using SCHWINDT's vierS Cloud Dr.-Ing. Ralf Seidler, CEO, SCHWINDT DIGITAL GmbH	 Gewinnen Sie Marktanteile im Robotik- und Automatisierungsbereich mit den 3DEXPERIENCE virtuellen Zwillingen von SOLIDWORKS Nick & Thomas Maiti, Dassault Systèmes
09:55 - 10:25 Parametric Design and Structural Optimization for Early Design Exploration Dr Tayeb Zeguer, Jaguar Landrover & Stefan Mertz, Dassault Systèmes	Accelerated simulation with SaaS Andreas Seidel, Dassault Systèmes	Migration from ENOVIA SmartTeam to 3DEXPERIENCE under the usage of the xPDM adapters at Preh GmbH, an automotive Supplier company Sebastien Chaumiole, Valexcon	 Entwicklung innovativer E-Bikes mit SOLIDWORKS und 3DEXPERIENCE Marcus Rochlitzer, Möve Mobility GmbH & Benk Boldt, Solidline GmbH
11:00 - 11:30 ECO-Caverns: Standardised underground spaces for a sustainable industrial development Benoît Cousin, ECCUS	Take your design to the next level with a new browser-based, 3D design and lifecycle management solution Nick Dzierzon, Dassault Systèmes	PROSTEP's cloud and on-prem 3DEXPERIENCE solutions for data exchange, integration and collaboration Daniel Wiegand & Dr. Mirko Theiß, PROSTEP AG	 Intelligente und vernetzte Produkte entwickeln - die 3DEXPERIENCE Plattform unterstützt den gesamten Entwicklungsprozess Thomas Maiti & Mike Wagner, Dassault Systèmes
11:40 - 12:10 Increased power of the 3DEXPERIENCE platform Cutting Tool Lifecycle Management @ CLAAS / Vision to connect Engineering with Manufacturing Patrick Kübler & Sven Bertelmann, CLAAS KGaA mbH	CAD Based Commercial Experiences as a Catalyst in Industrial Transformation & Business Sustainability Jürgen Runkel, Dassault Systèmes	A customer project showcase: Breaking the silos with 3DEXPERIENCE Openness technology Patrick Aretz, T-Svilen Georgiev, T-Systems	 SOLIDWORKS Profi Tipps in 30 Minuten Jürgen Wurdinger, Dassault Systèmes

12:10 | Lunch Break and Networking

PLENARY SESSIONS | SPECTRUM A

13:10 | SOLIDWORKS, 3DEXPERIENCE Works and the evolution of our users from delivering products to delivering experiences Twin
 Manish Kumar, CEO SOLIDWORKS

13:35 | From SOLIDWORKS to 3DEXPERIENCE – Our journey to a Virtual Twin
 Robert Többen, Trützschler Group SE & Achim Simon, TECHNIA GmbH

14:10 | Production-ready bipolar plate development and manufacturing technologies in the context of cloud-based collaboration
 Fabian Kapp, Managing Director, Graebener Maschinentechnik

14:40 | Workforce of the Future – Academic Education in the Digital Age
 Michael Hoffmann, Labor für Digitale Produktentwicklung und Fertigung, **3DEXPERIENCE** EDU Center of Excellence, Trier University of Applied Sciences

15:30 | End of Event

3DEXPERIENCE PLAYGROUND
 will be open the entire Conference

- Listen and collaborate with a selection of highly innovative start-ups
<https://events.3ds.com/3dexperience-conference-eurocentral-2022/new-networks-and-startups>
- explore how the transformative power of virtual twin technology can accelerate your sustainable innovation, and give you the edge in manufacturing's digital revolution
- interact with the Dassault Systèmes partner network
- meet the Workforce of the Future and check out some innovative student's projects

Interested?
 Save your spot now!



<https://register-3dxconference-eucl.3ds.com/registration>



3DEXPERIENCE CONFERENCE

SEPTEMBER 14-15, 2022 | DARMSTADT, GERMANY

PLENARY SESSIONS | SEPTEMBER 14, 2022

10:05 - 10:25

Sustainable Innovation in Action: Products & Services, Talents & Organisation, Business Model & Operations



Dominic Kurtaz
Managing Director
Central Europe
Dassault Systèmes

Sustainability is a topic of exponential importance. In a few short years it has developed far beyond a topic just for the annual corporate report or the marketing department. If we ask the right questions today, we still have time to act and to transform the future. This presentation will set the scene for the conference by outlining some key thinking and actions to put sustainability at the heart of our business agendas.

10:25 - 11:00

Working in the Year 2032: Megatrends fundamentally changing the way we work and innovate



Lars Thomsen
Futurologist and
Trend Analyst

Our World is changing quickly: With new tools and agile methods, we are not only reinventing products, industries and our daily lives. We reinvent the essence and values of our work, our collaboration and our company cultures. The next ten years will fundamentally transform our companies and large parts of our daily work routines by new means of collaboration with AI-based Systems. While entering a new era of global competition for innovation and speed, but we have to realize, that the most scarce resource of all still remains human talent and creativity that seeks to be enlightened by experiences, smart technology and lifelong learning.

11:00 - 11:30

Tackling Complexity – Systems Engineering meets PLM



Dr.-Ing. Lukas Bretz
Process Owner MBSE
Miele & Cie. KG

„Tackling Complexity, Systems Engineering meets PLM“ explains the motivation of Miele to focus both Systems Engineering (SE) and Product Lifecycle Management (PLM) and describes how Miele addresses challenges regarding complexity in products and processes. This includes the history of SE and PLM at Miele, available solutions for end users as well as planned activities for the years to come.

11:30 - 12:00

Digital Design, Manufacturing & Services (DDMS) @ Airbus Defence & Space – From vision to reality



Andrea Bugar
SVP HO DDMS
Airbus Defence
and Space

DDMS is the Digital Transformation Program of Airbus Group and its division. It was started in the Space area where it is implemented and further developed. In the frame of the DDMS@Airbus group the Program is extended to Eurodrone as part of Military Air Systems and will become the backbone for the future FCAS (Future Combat Air System) Program. The presentation will be focusing on how the initial vision had been implemented in order to increase Airbus Defence and Space competitiveness and what is planned on future programs.

12:00-12:30

Innovation talk: How can digital technologies be used to build an agile organization and drive sustainable innovation

Andrea Bugar
SVP HO DDMS
Airbus Defence
and Space

Lars Thomsen
Futurologist and
Trend Analyst

Dr.-Ing. Lukas Bretz
Process Owner MBSE
Miele & Cie. KG

Dominic Kurtaz
Managing Director
Central Europe
Dassault Systèmes

Marco Karber,
AES Autonome
Energiesysteme
GmbH



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STRATEGY SESSIONS | SEPTEMBER 14, 2022

14:15 - 15:15

Complexity Management through Systems Engineering Collaboration

Connected & Smart
Product Development



Thorsten Gerke,
CATIA Systems
Engineering Senior
Solution
Consultant
Dassault Systèmes

Most product development teams are facing a new level of technical complexity. In this presentation you will learn how to use a model based systems engineering approach to establish a highly collaborative and efficient process culture. This is THE foundation for getting a grip on complexity.

14:15 - 15:15

Integrated Modeling & Simulation for Sustainable Product Development

Virtual Twin - Data centric
Testing, Simulation & Validation



Gregor Judex
SIMULIA World-
wide Industry
Consultant Director
Dassault Systèmes



Sebastien Gautier
Management Senior
Director
Dassault Systèmes

Sustainability is one of the strongest business drivers facing all industries. The product, business and workforce sustainability issues will be addressed by a tight loop of modelling and simulation early in the design phase. In this session we will introduce some best practices to demonstrate how to support product design, alignment to regulations, faster time to market as well as the workforce of the future through democratization of simulation usage.

14:15 - 15:15

Improve «real world» production with virtual twin experiences

Sustainable Manufacturing



Björn Manderbach
Director
DELMIA Industry
Consulting
Dassault Systèmes

Companies need agility to cope with ever changing external requirements. We show how virtual twin experiences provide value: through digital continuity of engineering, virtual planning and simulation and «real life» execution. This allows the realization of optimized robust and flexible production processes. Immersive experiences connect all stake holders for improved collaboration.

Expert guests:

Kai Druglat, Maximilian Mühling, Victor Stadler & Oliver Göbel



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DESIGN, SIMULATION AND MANUFACTURING | SEPTEMBER 14, 2022

15:45 - 16:15

Shortening electrical development time through a holistic systems engineering approach



Morten Huber, CATIA Industry Process Consultant



Sebastien Aldenhoven, 3DEXPERIENCE Industry Process Consultant



Thomas Bovenderd, CATIA Electrical Industry Process Expert

With emerging global trends such as digital transformation, smart systems and an overall complexity growth, the engineering world faces challenges that lead to a need of holistic approaches to tackle them in a sustainable and efficient way. We introduce a method to decrease the cycle time of an electrical engineer by leveraging the digital continuity within an end-to-end product development.

16:25 - 16:55

Multidisciplinary Simulation in the 3DEXPERIENCE Platform



Dr. Daniel Vallicotti
Head of Simulation Services & Support
CENIT AG

In this presentation, a process will be shown, how a complete system can be simulated from system level to detail level and how product optimizations can be achieved in a very structured way. Simulation domains in the process involve structural analysis in the platform as well as multibody simulations via the power by connector in 3DEXPERIENCE.

17:05 - 17:35

Factory 2025 – How Brose achieves Digital Continuity from Engineering into its Production Sites



Klaus Roos
Head of Technology strategy, Brose Fahrzeugteile SE



Rolf Bucker,
Projektdirector Digital Continuity,
Brose Fahrzeugteile SE

Brose wants to ensure the digital continuity from design engineering via product planning to the plants. In this session, Brose will introduce their interdisciplinary digitalization project. The goal is to make all relevant data available once in the system as an SSoT (Single Source of Truth). For this purpose, Brose uses the 3DEXPERIENCE platform with Catia, Delmia and Apriso.

DESIGN, SIMULATION AND MANUFACTURING | SEPTEMBER 15, 2022

09:15 - 09:45

Assure compliance of functional safety and security standards by using the 3DEXPERIENCE platform



Jan Grover
Head of Systems Lifecycle Management,
CLAAS KGaA mbH



Anjuli Singh
Industry Process Consultant
Dassault Systèmes

Integration of functional safety and cyber security into the 3DEXPERIENCE platform. We start with an overview of the various regulations and guidelines in place today. Then we explain how safety and security topics enrich Systems Engineering and in what way they work hand in hand. We then introduce the elements required for proper functional safety analysis and how the 3DEXPERIENCE platform allows users to evaluate safety-related functions in the context of their safety requirements, safety objectives, and in different scenarios. Finally, we explain how to obtain a safety assessment after completing the analysis.

09:55 - 10:25

Parametric Design and Structural Optimization for Early Design Exploration



Dr. Tayeb Zeguer
MDO, Safety and Adv Simulation
Technical Leader
Jaguar Landrover



Stefan Mertz
CATIA Engineering Industry Process
Senior Specialist
Dassault Systèmes

See how Jaguar Landrover put the 3DEXPERIENCE to the test on a demanding use case integrating design creation and automated simulation-driven performance optimization. 3DEXPERIENCE Concept Structure Engineer enters the market as a next generation end-to-end solution for accelerated innovative concept design. We applied it to design a vehicle roof in minimum time and to optimize its crash behavior.

11:00 - 11:30

ECO-Caverns : Standardised underground spaces for a sustainable industrial development



Benoît Cousin
Head of Thermal Management
Director at ECCUS

ECCUS designs and builds standardized underground spaces for industrial use (robotised production, computer centres, storage) to be implemented in existing urban or industrial areas, in order to preserve natural land. ECCUS benefits from the full 3D Experience environment for the modeling and simulation of the ECO-CavernTM in their environment, including parametrized design and on-site implementation, electrical design and automation, aero and geothermal design and optimization

11:40 - 12:10

Increased power of the 3DEXPERIENCE platform Cutting Tool Lifecycle Management @ CLAAS / Vision to connect Engineering with Manufacturing



Patrick Kübler
CLAAS KGaA mbH



Sven Bertelmann
CLAAS KGaA mbH

The 3DEXPERIENCE platform is to replace TDM (tool management) and TopSolid/Coscom (programming) at CLAAS. The replacement of the tool management system at CLAAS is the first step in running the entire NC process on the 3DX platform and is mostly finished. We will show how the system is used in detail to create NC-Tools with all relevant information and hands over the information to our ERP-System which takes the lead for management of the NC-Tools on the Shop Floor.

In addition, we show you in a more detailed view our vision of using UDFs in the Prismatic Machining environment to make the programming of holes for valve blocks more efficient.
How are the UDFs structured?
What information do they carry with them?
What are the expected benefits?
What challenges still need to be overcome?



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BUSINESS PLATFORM | SEPTEMBER 14, 2022

15:45 - 16:15

Initialize your Digitalization strategy with the **3DEXPERIENCE** platform



Michael Lichtenthaeler
3DEXPERIENCE
Industry Consultant
Director

In order to identify the most pressing subjects in your journey towards a digital transformation ready Business a collaborative Environment is needed. This will be the foundation to run/operate a creative process and turn ideas into something measurable and sustainable. We will demonstrate how **3DEXPERIENCE** Platform orchestrates the process from capturing ideas and turn them in to either Programs, Projects or Requirements. Based on the Collaborative **3DEXPERIENCE** roles and applications we help to increase the speed on the path towards a digital business.

16:25 - 16:55

NPI (New Product Introduction) project management via **3DEXPERIENCE**



Jiří Koryčan
R&D Engineer
Design Lead
Edwards, s.r.o.



Jiří Petr
Sales & Technical
Manager
TECHNODAT,
CAE-systémy, s.r.o.

As a part of the Atlas Copco Group, co. Edwards, s.r.o. in Czech Republic considers digitalization and automation of its processes one of the biggest priorities. Currently, several digitalization projects are open. This presentation aims to describe the progress and benefits of one of them – Project and Change Management on **3DEXPERIENCE** platform.

17:05 - 17:35

Develop KPIs for every user - from CxO to Contributor – to understand and navigate your Digitalization strategy with the **3DEXPERIENCE** platform



Jan Thomas
Technical Sales Director
Dassault Systèmes

Digitalization Programs are in place at many companies to increase or remain competitive. Therefore new methods and technologies are required, to further improve decision making and work efficient along the programs. The presentation demonstrates, how Data Science based applications within the **3DEXPERIENCE** platform support every user - from CxO to Contributor - to reveal relevant information in every stage of the processes to foster your Digitalization programs. These roles and applications help to reveal precisely the information needed, increase speed and make data-driven decisions.

AGILITY THROUGH CLOUD | SEPTEMBER 15, 2022

09:15 - 09:45

Customer Experience „PLM as a Service“, Humbel Gear Technology



David Gerschweiler
Head of Production,
Humbel Gear
Technology

Humbel Group decided to migrate from CATIA V6 R2013x to the cloud-based **3DEXPERIENCE** platform due to the structural growth of the engineering department. The resulting experiences, challenges and advantages of the migration to the platform are part of the presentation. Additionally, in an outlook, possibilities for the extended use of the **3DEXPERIENCE** platform in the Humbel Group will be presented.

09:55 - 10:25

Accelerated simulation with SaaS



Andreas Seidel
SIMULIA Sales Senior
Manager
Dassault Systèmes

The value of Simulation can be heavily increased by getting results faster. In this context Cloud-Hosted infrastructure and Software as a Service (SaaS) can be an option, if used properly. Therefore we will share some common challenges our customers are facing and possibilities how to overcome them, to get the most out of your Simulations.

11:00 - 11:30

Take your design to the next level with a new browser-based, 3D design and lifecycle management solution.



Nick Dzierzon
Industry Process
Consultant
3DEXPERIENCE WORK,
Dassault Systèmes

With the new apps from Dassault Systèmes, you can design natively in the browser on any end device (including Apple), without installation. This means that your data always remains secure and is available to you at any time - even from your cell phone! See how we create a part, assembly and drawing in the browser without installing any software. So you can fully concentrate on your core task - Design.

11:40 - 12:10

CAD Based Commercial Experiences as a Catalyst in Industrial Transformation & Business Sustainability



Jürgen Runkel
3DEXITE Sales Expert
Senior Specialist,
Dassault Systèmes

Digitalization is advancing in leaps and bounds across all sectors of industry. Fueled by globalization, competitive pressures, and increased customer expectations in an environment of increasingly complex products, it's time for new ideas - not just 'greener products'. Production processes, the deployment of tomorrow's workforce, and the sustainable success of entirely new business models and services are at the forefront of the demo together with our partners OMRON & VAF.



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3DEXPERIENCE OPENNESS & INTEGRATION | SEPTEMBER 14, 2022

15:45 - 16:15

Platform Openness – Importance, technologies and partner solutions at a glance



Dr. Tom-David Graupner
Dassault Systèmes,
ENOVIA Senior Sales Director
Dassault Systèmes

With the increasing integration of PLM systems into existing IT infrastructures, openness and standardization are becoming more and more important. Seamless connectivity is becoming a business-critical factor to meet the demands of today's digital industries. The presentation covers **3DEXPERIENCE** technologies and capabilities and provides an overview of partner solutions.

16:25 - 16:55

3DEXPERIENCE Integration to SAP ECC and SAP S/4HANA



Horst Heckhorn
Business Development Executive & Senior VP
SAP Solutions
CENIT AG

The industry standard for **3DEXPERIENCE**-SAP integration enables digital process and data continuity along the entire value chain. Why does SAP offer a standard integration product on their pricelist to support SAP scenarios like ECC 6.0, S/4, SAP Automotive, etc.? Hybrid system architectures? Pre-reqs? An entire program or just a product? Ready to packages for core use cases? Customers?

17:05 - 17:35

3DEXPERIENCE enterprise Integrations powered by TECHNIA's Integration Framework (TIF)



Martin Nölle
Director Sales & Marketing of Software Division
TECHNIA GmbH



Marcus Larsson
Director Sales & Marketing of Software Division
TECHNIA GmbH

Creating digital continuity across systems is a common challenge. That's why we developed TECHNIA Integration Framework (TIF) to simplify the integration of cloud or on-premise installations of **3DEXPERIENCE** with other enterprise systems. TECHNIA is the Global Dassault Systèmes Partner. Our team of 800 experts ensure successful **3DEXPERIENCE** deployments with our services and complementary products.

3DEXPERIENCE OPENNESS & INTEGRATION | SEPTEMBER 15, 2022

09:15 - 09:45

Cloud-Cloud-Coupling by using SCHWINDT's vierS Cloud



Dr.-Ing. Ralf Seidler
CEO
SCHWINDT DIGITAL GmbH

In companies, especially in the automotive supply industry, an evolved software landscape is the standard. Overlapping processes require a permeable infrastructure. vierS connects existing systems, migrates and consolidates data. The presentation will show examples with SmarTeam, SAP, I4.0 / OPC UA and existing PLM systems.

09:55 - 10:25

Migration from ENOVIA SmarTeam to **3DEXPERIENCE** under the usage of the xPDM adapters at Preh GmbH, an automotive Supplier company.



Sebastien Chaumiole
Managing Director
valexcon GmbH

The company Preh migrated its PDM System Enovia SmarTeam, distributed on 7 locations worldwide, to **3DEXPERIENCE**. An important task in the **3DEXPERIENCE** implementation project was the migration of the data. To fulfil this task the company valexcon has implemented its own solution "On Demand Migration Suite" based on the xPDM adapter from Dassault Systèmes.

11:00 - 11:30

PROSTEP's cloud and on-prem **3DEXPERIENCE** solutions for data exchange, integration and collaboration



Daniel Wiegand
Product Manager
OpenDXM Solutions
PROSTEP AG



Dr. Mirko Theiß
Senior Manager PLM
System Integration
PROSTEP AG

After a brief overview of **3DEXPERIENCE** collaboration capabilities using the PROSTEP AG product families OpenPDM and OpenDXM, we focus on integration options to other PDM, ERP and ALM systems using cloud infrastructures with OpenPDM. Then an exchange roundtrip scenario, fully integrated in **3DEXPERIENCE**, is presented with OpenDXM GlobalX. Both scenarios use the integration components for **3DEXPERIENCE** for on-premise and cloud infrastructures.

11:40 - 12:10

A customer project showcase: Breaking the silos with **3DEXPERIENCE** Openness technology



Patrick Aretz
Product Manager for PLM and CAD Integrations,
T-Systems International GmbH



Svilen Georgiev
Product Manager for PLM,
T-Systems International GmbH

Two customer projects will be presented. One of them is about the Integration of **3DEXPERIENCE** with existing legacy Teamcenter PLM and the other about Data provision solution for post-engineering processes



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3DEXPERIENCE WORKS & SOLIDWORKS | SEPTEMBER 14, 2022

15:45 - 16:15

Worldwide Collaboration Globale Kommunikationslösung ermöglicht stets Zugriff auf Fertigungsunterlagen in Echtzeit und sichert Wettbewerbsvorteile



Patrick Streppelhoff
CAD-/PDM-Administration
DELLNER BUBENZER
Germany Wind GmbH

Globale Nutzung von 3DX schließt Produktion nach altem Stand aus. PDM organisiert SOLIDWORKS-Daten. Bei Freigabe PDFs erstellt und auf 3DDrive veröffentlicht. Alte Stände werden automatisiert archiviert und Aktualisierungen zur Verfügung gestellt. So sind Materialdisposition und entsprechende Fertigung nach aktuellsten Stand gesichert. Eine durchgängige Prozesskette sichert Wettbewerbsvorteile ab.

16:25 - 16:55

Removing IT overhead and costs with SOLIDWORKS Product Data Management as a Service



Mike Wagner
Senior Industry Process Consultant
Dassault Systèmes

FASTER - SAFER - MORE AGILE
We show you how to design faster with the new SOLIDWORKS the advantages of PDM as a Service.
how to have your intellectual property always with you

17:05 - 17:35

Bringen Sie Ihre Produktentwicklung mit einer neuen browserbasierten 3D Modellierungs- und Lebenszyklus Management-Lösung in die Cloud.



Nick Dzierzon
Industry Process Consultant
3DEXPERIENCE WORK
Dassault Systèmes

Mit den neuen Apps von SOLIDWORKS können Sie nativ im Browser auf jedem Gerät konstruieren und das ganz ohne lokale Installation. Das bedeutet Ihre Daten sind immer sicher und jederzeit global verfügbar, auch auf Ihrem Smartphone. Sehen Sie wie Einzelteile, Baugruppen und Zeichnungen im Browser erstellt werden, ohne eine lokale Softwareinstallation. So können Sie sich voll auf Ihre Kernaufgabe konzentrieren: Dem Konstruieren.

3DEXPERIENCE WORKS & SOLIDWORKS | SEPTEMBER 15, 2022

09:15 - 09:45

Gewinnen Sie Marktanteile im Robotik- und Automatisierungsbereich mit den 3DEXPERIENCE Virtuellen Zwillingen von SOLIDWORKS



Nick Dzierzon
Industry Process Consultant
3DEXPERIENCE WORK,
Dassault Systèmes



Thomas Maiti
Sales Manager
3DEXPERIENCE WORKS
PLM/PDM
Dassault Systèmes

Lernen Sie die Vorteile der digitalen Zwillingstechnologie für die Fertigungsplanung und den nahtlosen Informationsfluss zwischen allen Prozessen kennen. Erleben Sie auf einer virtuellen Reise den Virtual Twin in einer neuen Dimension und lassen Sie sich inspirieren. Erfahren Sie in unserem Vortrag, wie die **3DEXPERIENCE** Plattform Ihr Unternehmen dabei unterstützen kann, innovativ und wettbewerbsfähig zu bleiben

09:55 - 10:25

Entwicklung innovativer E-Bikes mit SOLIDWORKS und 3DEXPERIENCE



Marcus Rochlitzer
Entwicklungsleitung und Qualitätsmanagement
Möve Mobility GmbH



Benk Boldt
Strategic Technology Advisor
Solidline GmbH

Gemeinsam werfen wir einen Blick in die Entwicklung und Fertigung von Möve Mobility. Von der Konstruktion der Rahmen und Werkhallenplanung in SOLIDWORKS Desktop bis hin zum cloudbasierten Datenmanagement. Ein Dokumenteninfosatz in einer modularen Plattform, die sich stetig an die Anforderungen der E-Bike Manufaktur anpassen lässt..

11:00 - 11:30

Intelligente und vernetzte Produkte entwickeln - die 3DEXPERIENCE Plattform unterstützt den gesamten Entwicklungsprozess



Thomas Maiti
Sales Manager
3DEXPERIENCE WORKS PLM/PDM,
Dassault Systèmes



Mike Wagner
Industry Process Consultant
Dassault Systèmes

Erleben Sie die Herausforderungen eines typischen KMU und den gewinnbringenden Praxiseinsatz der **3DEXPERIENCE** Plattform. Erfahren Sie, wie die 3DEXPERIENCE Plattform Sie bei der digitalen Produktentwicklung unterstützen. Die **3DEXPERIENCE** Plattform verbindet Menschen, Ideen, Informationen und Lösungen auf einer cloudbasierten Plattform, um Innovationsprozesse anzuregen. Erleben Sie, was das für unser Praxisprojekt konkret bedeutet und wie unser KMU davon sichtbar profitiert.

11:40 - 12:10

SOLIDWORKS Profi Tipps in 30 Minuten



Jürgen Wurdinger
EUROCENTRAL Customer Role
Experience Industry Process Consultant
Specialist for SOLIDWORKS

In dieser Session zeigen wir Ihnen Tipps & Tricks für schnelleres und effizienteres Arbeiten und Sie lernen versteckte Funktionen in SOLIDWORKS kennen.



3DEXPERIENCE CONFERENCE

SEPTEMBER 14-15, 2022 | DARMSTADT, GERMANY

PLENARY SESSIONS | SEPTEMBER 15, 2022

13:10 - 13:35

SOLIDWORKS, 3DEXPERIENCE Works and the evolution of our users from delivering products to delivering experiences



Manish Kumar
CEO
SOLIDWORKS

In this session you will learn how SOLIDWORKS along with 3DEXPERIENCE® WORKS portfolio provides the tools for users to imagine a better future together. When collaboration and creativity become one, functional silos are broken down. What were once limitations become distinct advantages to harness expertise and the human potential of your team. With the need to produce higher quality products faster and at lower cost, companies are looking to streamline their workflows. A product development solution that provides all the tools in a single environment eliminates the time-consuming need for data to be translated between departments, which often results in errors and intelligence gaps. SOLIDWORKS capabilities are now expanded with 3DEXPERIENCE® WORKS solutions. Concept to final assembly work can now happen concurrently, in one seamlessly integrated and managed system for SOLIDWORKS users.

13:35 - 14:05

From SOLIDWORKS to 3DEXPERIENCE - Our journey to a Virtual Twin
Trützschler Group SE



Robert Többen
Head of R&D Design
Trützschler Group SE



Achim Simon
Senior Consultant
TECHNIA GmbH

The prerequisite for a Virtual Twin is a consistent data model. The structures in SOLIDWORKS and the order BOMs in ERP are currently independent of each other.

- SOLIDWORKS structures are optimized for drawing creation.
- Order BOMs are created from a table-based configurator.

This requires data migration operations and working methods adjustments to get a virtual twin in 3DEXPERIENCE.

14:10 - 14:40

Production-ready bipolar plate development and manufacturing technologies in the context of cloud-based collaboration



Fabian Kapp
Managing Director
Graebener Maschinentechnik

3 questions that keep us busy: how much does a plate cost? How do the plates have to be produced? And how much does a machine cost? We get to the bottom of these questions and highlight the interaction between plate, production process and plant technology. Further, we show all strategically important steps towards the optimally designed production plant: Starting from engineering with a view to plate design and plant technology via prototyping in the application lab up to the customized production line.

14:40 - 15:10

Workforce of the Future – Academic Education in the Digital Age



Michael Hoffmann
Labor für Digitale Produktentwicklung und Fertigung,
3DEXPERIENCE EDU Center of Excellence
Trier University of Applied Sciences

Sustainable teaching at a University of Applied Sciences is cross- and interdisciplinary, practice-, problem-oriented and study-centric based on newest and disruptive technologies. The presentation gives an insight into the infrastructure and the consistent use of the 3DEXPERIENCE platform on the cloud. We will talk about some projects from teaching and research at Trier University of Applied Sciences

15:10 - 15:30

Wrap up and closing



Dominic Kurtz
Managing Director
Central Europe
Dassault Systèmes



Yasmine Blair