

COExperience 2019
February 24-27, 2019 • New Orleans, LA
Sunday, February 24

1:00 pm – 7:00 pm	Registration Open
1:00 pm - 4:30 pm	Pre-Conference Workshops (pre-registration required) <ul style="list-style-type: none">- Introduction to the 3DEXPERIENCE Platform Hands-on Workshop- PLM Collaboration Services Hands-on Workshop for CATIA V5 Users- The Future of Vehicle Development - Transportation Deep Dive- Competitive Advantage through Model Based Manufacturing
5:00 pm – 6:00 pm	COE Conference Orientation

**** Schedule Subject to Change ****

registration. Contact coe@coe.org to add a workshop to your registration

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Monday, February 25

6:30 am – 6:00 pm	Conference Registration								
7:00 am – 8:00 am	Breakfast, Coffee and Networking in Foyer								
8:00 am – 8:30 am	COE Welcome								
8:30 am – 9:00 am	Dassault Systèmes General Session- Dean Marsh								
9:00 am – 10:00 am	General Session - Where are they today? An industry update from Boeing, Wichita State University Innovation Campus Update and Joby Aviation Presenters: Philippe Laufer, Dassault Systèmes, Terrence McGowan, The Boeing Company; Shawn Ehrstein, Wichita State University; Alec Clark, Joby Aviation								
10:00 am – 10:15 am	Networking and Refreshment Break in Foyer								
10:15 am – 11:15 am	General Session - "Diffusion of Innovation" applied to Modeling & Simulation – what can we learn from Social Science research? Presenter: Mark Meili, Procter & Gamble								
Session Tracks	IDDK	Information Management	Manufacturing	Information Management	EAS	Product Definition	Product Definition	COE University	COE University
11:25 am – 12:15pm	1177: (KBD) KBE Product Updates CATIA V5-> 3DEXPERIENCE Lee Encapera, Rohit Bhardwa, Dassault Systèmes	1180: (IDM) Transforming traditional BOM Management into model-based engineering Garth Coleman, Dassault Systèmes	1008: (MAN) Manufacturing Orientation Kevin Albers, Lockheed Martin Aeronautics Company	1006: (IDM) Demystifying 3DEXPERIENCE on the Cloud Michael J Finocchiaro, Finocchiaro Consulting, LLC	1107: (EAS) Simulation of Autonomous Vehicles Robert Solomon, Dassault Systèmes	1118: PRODUCT (ADD) Light Weight Engineering and Topology Optimization – Including 2019x Update Rani Richardson, Dassault Systèmes; Etienne Ardouin, Dassault Systèmes; Shawn Ehrstein, Wichita State University	1033: PRODUCT (EME) Electro-Mech Engineering - Functions - 2019x Timothy Suhr, The Boeing Company; Pascal Fontanie, Dassault Systèmes; Zhen Yang, Dassault Systèmes	1173: (ASD) CATIA Assembly Design Essentials	1013: My First 3DEXPERIENCE BI Eric Neuville, Techso Solutions
12:15 pm – 1:00 pm	Lunch								
Session Tracks	IDDK	Information Management	Manufacturing	Information Management	EAS	Product Definition	Product Definition	COE University	COE University
1:00 pm – 1:50 pm	1057: (CDA) PRODUCT - POWER'BY...One Year Later Scott Pokriefka, Dassault Systèmes	1112: (IDM) Create an Achievable Roadmap for Implementing 3DEXPERIENCE Juliann Grant, Adaptive Corp.	1035: (MAN) Production Flow Simulation Using 3DEXPERIENCE Jeffery H Bull, The Boeing Company	1182: Automating Aircraft Conceptual Design Studies Using the 3DEXPERIENCE Platform Adam Suydam, Lockheed Martin	1071: (EAS) Optimization and Concept Design Behrooz Khatib Shahidi, Ford Motor Company	1125: (PD) (ADD) Taking Metal AM into Volume Production Rani Richardson, Dassault Systèmes; Shawn Ehrstein, Wichita State University	1034: PRODUCT (EME) Electro-Mech Engineering - Requirements - 2019x Timothy Suhr, The Boeing Company; Pascal Fontanie, Dassault Systèmes; Zhen Yang, Dassault Systèmes	1172: Introduction to the 3DEXPERIENCE Platform	1039: CATIA Systems Traceability App Rosa Gragossian, Dassault Systèmes; Greg Patzner, Dassault Systèmes
Session Tracks	IDDK	Information Management	Manufacturing	Information Management	EAS	Product Definition	Product Definition		COE University
1:55 pm -2:45 pm	1115: (D&D) Converting V5 Automations to V6/3DEXPERIENCE Joseph Crouch, Bell	1143: (IDM) Multi-CAD Nirvana with POWER'BY Brian Lau, Razorleaf Corp.	1010: (MAN) PRODUCT – DMFG Digital Manufacturing: Functions Tony Karew, Dassault Systèmes	1113: (IDM) Automating In-Process Inspection with 3D Scanning Juliann Grant, Adaptive Corp.	1164: (EAS) Systems Engineering – Deployment Challenges (MBSE 106) Frank Popielas, SMS_ThinkTank	1126: (PD) (ADD) Additive Industrial Use Case Rani Richardson, , Dassault Systèmes	1052: (PD) (EME) SpreadSheet Editor (SSE) Import of Electrical Objects Pascal Fontanie, Dassault Systèmes		1181: Plan Your Definition of Success- Configuration Management for CATIA V5 Garth Coleman, Naim Dalal, Dassault Systèmes
2:45 pm – 3:00 pm	Afternoon Refreshment Break in Foyer								
Session Tracks	IDDK	Manufacturing	Manufacturing	Information Management	EAS	Product Definition	Product Definition	COE University	COE University
3:00 pm – 3:50 pm	1020: (KBD) What's New in 3DEXPERIENCE Knowledge Dictionary Mike Berry, Honda R&D	1152: (NC) PRODUCT (DNC) Digital NC Functions Jean-Marc Cauzac Dassualt Systemes	1151: (MAN) Digital Transformations in Manufacturing. Going Beyond the Digital Thread Thomas Muth, Dassault Systèmes	1141: (IDM) Getting Back on Track with ENOVIA & 3DEXPERIENCE 2017x Vetri Chidambaram, Oceaneering	1134: (EAS) Bring simulations to life with Immersive Virtuality (AR,VR,&MR) Lori Bonyng, Dassault Systèmes	1002: (PD) (ADD) Materials support for 3DEXPERIENCE Gus Baumzweig, Granta Designs	1045 (PD) (EME) Electrical Cabinet Design - From Schematics to 3D Model Joshua Stewart, Dassault Systèmes	1174: (GSD) CATIA Generative Shape Design Essentials	1038: Leverage CATIA Kinematics Models in the 3DEXPERIENCE Platform Peter Huesson, Dassault Systèmes
Session Tracks	IDDK	Manufacturing	Manufacturing	Information Management	EAS	Product Definition	Product Definition	COE University	COE University
3:55 pm -4:45 pm	1007: (SDA) Demystifying 3DEXPERIENCE Customization and Configuration Michael J Finocchiaro, Finocchiaro Consulting, LLC	1159: (NC) Operations Using 3DEXPERIENCE on the Dassault Cloud Dave Frank, Dasco Engineering	1129: (MAN) CATIA Composer Automatic Updating Timothy Foster, Bell Textron Canada LTD.	1142: (IDM) Real-World Examples of the Digital Thread Jonathan Scott, Razorleaf Corp.	1025: (EAS) Using the right XR tool for the Job Jeff Fisher, Wichita State University	1117: (PD) (ADD) Additive Engineering/ Manufacturing Roundtable Shawn Ehrstein, Wichita State University; Rani Richardson, Dassault Systèmes	1073: (PD) (EME) Electro-Mechanical Roundtable Neil Martinuzzi, Lear Automotive	1175: (CPE) CATIA Composites Design Essentials	1043: SFE CONCEPT Connected to 3DEXPERIENCE Platform Anup Ili, Dassault Systèmes
4:45 pm – 7:00 pm	TechniFair Grand Opening Reception								

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Tuesday, February 26

6:30 am – 5:30 pm	Conference Registration								
7:00 am – 8:00 am	Breakfast, Coffee and Networking in TechniFair								
8:00 am – 8:15 am	COE Recognition Awards								
8:15 am – 9:15 am	Dassault Systèmes General Session- Bruno Latchague								
9:15 am – 9:45 am	Networking & Refreshment Break in the TechniFair								
9:45 am – 10:30 am	Dassault Systèmes General Session- Philippe Laufer								
10:30 am – 11:30 am	COE Forum: Moving Towards Digital Thread- From Migration to Integration; Sponsored by PROSTEP								
Session Tracks	CC	CC	CC	CC	CC	CC	CC	CC	CC
11:45 am – 12:35 pm	1197: Starting your journey with AR, MR and VR Mark Davey, Theorem Solutions	1198: Virtualizing Dassault Systems CATIA and SolidWorks with Cisco UCS Servers and NVIDIA Quadro vDWS Mike Brennan, Cisco Systems Mike Dougherty, Cisco Systems	1133: Delivering 3DEXPERIENCE from the Cloud Antoine Reymond, AMD, Michael DeNeffe, AMD	EnginSoft	Dassault Systèmes	Cent	TBA		
12:35 pm – 1:35 pm	Lunch in the TechniFair								
Session Tracks	Industry	Manufacturing	IDDK	Information Management	Academic	Product Definition	Product Definition	COE University	COE University
1:40 pm – 2:30 pm	1098: (IS) New Era for the AEC Kevin Desrosiers, SNC-Lavalin	1148: (MAN) Powder Bed Fabrication / Material Deposition Jean-Marc Cauzac, Dassault Systèmes	1016: (CDA) CATBench: A methodology for measuring hardware performance with CATIA Phil Harrison, Lionheart Solutions	1047: (IDM) 3DEXPERIENCE Implementation Phase 1: Headaches and Heart Emojis Rolando Garza, TECO-Westinghouse Motor Company	Academic Poster Presentations	1122: (PD) (ADD) Secure Additive Manufacturing Data Exchange with Blockchain Paul William Downing, PROSTEP Inc.	1054: (PD) (EME) Wire Harness Manufacturing & Installation Illustration with CATIA Composer James McCarty, Jr, Lockheed Martin Aero	1171: (FTA) CATIA 3D Tolerancing and Annotation Essentials	1183: Grid-Based Approach for Composite Part Design in CATIA Iouri Apanovitch, Rand Worldwide
Session Tracks	Manufacturing	Manufacturing	Manufacturing	Information Management		Product Definition	Product Definition	COE University	COE University
2:35 pm – 3:25 pm	1190: PRODUCT (TD) CATIA Mold Tooling and Die Face Design Update: Daniel Pyzack, Dassault Systèmes	1097: (MAN) Using Simulation Software to Design and Prove-Out Additive Manufacturing Processes Todd Readell, CGTech	1154: (NC) Opposite Hand Machining Jean-Marc Cauzac, Dassault Systèmes	1041: (IDM) Virtual Commissioning and System Analyses of Complex Manufacturing Systems using 3DEXPERIENCE Platform Behnam Afsharpoya, Dassault Systèmes		1110: PRODUCT (CMP) Composites 2019x Updates Rani Richardson, Dassault Systèmes; Bruce Gabel, Spirit Aerosystem; Nathan Shipley, Wichita State University; Jennifer Naschansky, Gulfstream Aerospace Corp.; Scott Schieferdecker, The Boeing Company	1085: PRODUCT (AFS) Arrangements & Fluid Systems - V6 Functionality / Requirements Rod Banach, Dassault Systèmes; Stephen Burton, Gulfstream Aerospace	1169: CATIA V5 to 3DEXPERIENCE Transition	1089: Hands-On Workshop - Injection Mold Engineer Simulation Duane Sawyer, Dassault Systèmes
Session Tracks	IDDK	Manufacturing	Manufacturing	Information Management	EAS	Product Definition	Product Definition		COE University
3:30 pm – 4:20 pm	1072: (SDA) Leaving 2016x Behind - A Complete Upgrade to 2018x Fuat Cargi, FNSS Defense Systems; Mehmet Tunc, FNSS Defense Systems	1158: (MAN) Robotic Off Line Programming Tony Karew, Dassault Systèmes	1153: (NC) PRODUCT (DNC) Digital NC Requirements Jean-Marc Cauzac, Dassault Systèmes	1091: (IDM) 3 Keys to a Successful PLM Migration with 3DEXPERIENCE Brian Schouten, PROSTEP Inc.	1061: (EAS) Automation of simulation workflows in the 3DEXPERIENCE platform using the VB and Python API Ram Munnipalle, Dassault Systèmes	1111: (PD) (CMP) Composites Roundtable Rani Richardson, Dassault Systèmes; Bruce Gabel, Spirit Aerosystem; Nathan Shipley, Wichita State University; Jennifer Naschansky, Gulfstream Aerospace Corp.; Scott Schieferdecker, The Boeing Company	1086: 3DEXPERIENCE SmartDrawing Update Olivier Audelan, Dassault Systèmes; Stephen Burton, Gulfstream Aerospace		1014: EKL Bounding Box Eric Neuville, Techso Solutions Inc
4:20 pm – 4:35 pm	Networking & Refreshment Break in the TechniFair								
Session Tracks	IDDK	Manufacturing	Manufacturing	Information Management	EAS	Product Definition	Product Definition	COE University	COE University
4:35 pm – 5:25 pm	1021: (KBD) KBE Round Table Marc Jeeves, Gulfstream	1157: (MAN) Optimizing and Simulating Plant Floor Scheduling for Manufacturing and Lab Operations Thomas Muth, Dassault Systèmes	1160: (NC) NC Programming Enhancement Requests Roundtable Dave Frank, Dasco Engineering	1053: (IDM) ENOVIA Roundtable Roger Joyal, Dassault Systèmes Bob Deragisch, Parker Hannifin Corporation Jim Strawn, Textron Aviation Jeremy Miller, Bell Kevin Baughey, Dassault Systèmes	1093: (EAS) Democratization of Simulation Roundtable Preeti Verma, Dassault Systèmes	1139: (PD) CMP - Molecular Modeling of Composites for Performance and Producability Michael Joseph Doyle, Dassault Systèmes	1027: (PD) 3DEXPERIENCE Fasteners App - A Designer Investigation and Perspective Carmen Crowley, Hoday R&D	1168: (PDG) CATIA Part Design Essentials	1056: Hands-on with POWERBY Scott Pokriefka, Dassault Systèmes
5:30 pm - 7:00 pm	COE TechniFair Happy Hour								

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Wednesday, February 27

7:00 am – 3:30 pm	Conference Registration									
7:00 am – 8:00 am	Breakfast, Coffee and Networking in the TechniFair									
8:00 am – 9:00 am	General Session - Innovation in the Cloud at Kärcher Presenters: Matthias Steinmann, Alfred Kärcher SE & Co. KG; Vaughn McDaniel, Kärcher North America									
Session Tracks	IDDK	Manufacturing	Information Management	Information Management	EAS	Product Definition	Product Definition	Academic	COE University	COE University
9:10 am - 10:00 am	1018: (SDA) PRODUCT - 3DEXPERIENCE - Recommendations for Infrastructure & Deployment Steve Erwin, Dassault Systèmes	1150: (MAN) Closed Loop Quality Management and the Impact of the 3D Twin in Operations and Design Thomas Muth, Dassault Systèmes	1005: (IDM) Demystifying 3DEXPERIENCE Michael J Finocchiaro, Finocchiaro Consulting, LLC	1114: (MBE) Additive Manufacturing with Metal Injection Molding (MIM) Julian Grant, Adaptive Corp.	1135: (EAS) Democratization of Simulation for Design Engineers Using Browser-based Simulation Apps Hubertus Tummescheit, Modelon	1102: PRODUCT (SDS) Shape Design & Styling (SDS) - Functions - What's new in 2019x Creative Design - Surface Refinement Kevin Waugh, Fairfield University; Gerard Alcini, Dassault Systèmes	1109: PRODUCT (DRA) Drafting & 3D Master (MBD) - Functions / Requirements Gary F. Carne, Dassault Systèmes; Enrique Murphy, Textron Aviation; Shawn Ehrstein, Wichita State University	Academic Roundtable	1120: Hands-on with Sourcing and Standardization Rob Donath, Dassault Systèmes	1184: Solid-Slicing Approach for Composite Part Design in CATIA Iouri Apanovitch, Rand Worldwide
10:00 am - 10:15 am	Passport to Prizes, Networking & Refreshment Break in the TechniFair									
Session Tracks	IDDK	Manufacturing	Information Management	Industry	EAS	Product Definition	Product Definition	Information Management	COE University	COE University
10:15 am - 11:05 am	1015: (KBD) CAA for 3DEXPERIENCE Lalaso Pingale, Goken America LLC	1004: (MAN) Demystifying 3DEXPERIENCE Digital Manufacturing Michael J Finocchiaro, Finocchiaro Consulting, LLC	1058: (IDM) Spirit AeroSystems's Apriso Performance Tuning Journey Angel M Dahlig, Spirit AeroSystems	1176: Template-Based Fabrication for Complex Building Designs Neil Meredith, MG McGrath	1163: (EAS) Digital Twin – Its Role and structure within a modern Systems Engineering Approach (MBSE 107) Frank Popielas, SMS_ThinkTank	1103: PRODUCT (SDS) Shape Design & Styling (SDS) - Requirements - What's New in 2019x Creative Design - Surface Refinement Kevin Waugh, Fairfield University, Gerard Alcini, Dassault Systèmes, Cherise Caldwell, Dassault Systèmes	1074: (PD) (DRA/MBD) MBE Starts with Interoperability Annalise Suzuki, Elysium Inc; Danielle Perelli, Elysium Inc	1179: Organize Your Work with the 3DEXPERIENCE Platform Speaker: Garth Coleman	1167: Digital Thread Hands-on Lab (Part 1) - From Requirements to Design	1051: CATElectre - Integrating ECAD Data with CATIA V5 Harness Design Joshua Stewart, Dassault Systèmes; Pascal Fontaine, Dassault Systèmes; Zhen Yang, Dassault Systèmes
Session Tracks	IDDK	Manufacturing	Information Management	Information Management	Industry	EAS / Product Definition	Product Definition	Manufacturing	COE University	COE University
11:10 am – 12:00 pm	1022: (D&D) Using EKI for Feature Recognition Marc Jeeves, Gulfstream	1011: (MAN) PRODUCT – DMFG Digital Manufacturing: Requirements Tony Karew, Dassault Systèmes	1124: (DEM) Customer Data Package Management in 3DEXPERIENCE Dan Dunne, Inceptra	1138: 3DEXPERIENCE Platform Roundtable Rekha Kamat, Dassault Systems	1069: (IS) VR and AR in AEC: MTJA 1 (More Than Just Acronyms!) Emmanuel Boivin-Moreau, Hydro-Quebec	1105: (EAS) Immersive Design Validation and Decision Making Lilian Chou, Dassault Systèmes	1095: PRODUCT (SPA) Solid Part Design & Assembly - Functions Rolando Garza, TECO-Westinghouse; Patrick Fougeray, Dassault Systèmes Canada Inc	1199: (MAN) Technical Enterprise Content Management & Visual Collaboration- Empowering Manufacturers to Deploy a Connected, Collaborative, Digital Thread James Martin, Anark Corporation	1170: Digital Thread Hands-on Lab (Part 2) - Virtual Build	1024: Power Up Your Multi-Cad Environment with 3DEXPERIENCE Lewis Breeding, Tata Technologies
12:00 pm - 1:15 pm	Lunch, 3DEXPERIENCE Discovery Panel Findings & Academic Scholarship Awards									
Session Tracks	IDDK	Manufacturing	EAS	Information Management	Industry	Product Definition	Product Definition	Information Management	Information Management	
1:15 pm – 2:05 pm	1017: (SDA) Infrastructure, Develop & Deploy Round Table Phil Harrison, Lionheart Solutions Inc	1156: (MAN) Cobot Simulation with VR Stephane Roland, Dassault Systèmes	1042: SFE CONCEPT - Powerful tool for simulation driven conceptual design Anup Itri, Dassault Systems	1178 Women in Manufacturing: the Workforce of the Future Allison Grealis, Women in Manufacturing	1127: (IS) Transportation & Mobility - Develop VBA Automation for a Very Complex Parametric/Associative Parts Daniel Dobrzynsk, Pasant Sasa	1101: Process (SDS) Improving Lighting Design Validation with DeltaGen Paul Cowles, Dassault Systèmes	1037: (IS) (AEC) CATIA Structure Engineering Patrick Fougeray, Dassault Systèmes Canada Inc; Kyle Watson, A Zahner	1200: A Ready to Grow Implementation Approach for the 3DEXPERIENCE Platform Reinhard Staebler, CENIT North America; Paul Cassidy, CENIT North America	1121: Design and Manufacturing in a Configured Context for an Aircraft Program with 3DEXPERIENCE Platform Sameer Arora, Dassault Systèmes; Dave Rollins, Dassault Systèmes	
Session Tracks	IDDK	Manufacturing	Information Management	Information Management	Industry	EAS/ Product Definition	Product Definition	Information Management		
2:10 pm – 3:00 pm	1032: (KBD) EKL, Templates and Component Based Design: Examples and Practical Applications Kyle Watson, A Zahner	1149: (MAN) Complex Assembly Roles in DELMIA Apriso Bruno Demange, Dassault Systèmes	1084: (MBE) Achieving MBE Through 3D PDF Courtney Rainey, PROSTEP Inc.	1088: (IDM) Requirement Driven Engineering for Design and Evaluation of Complex Plants Structures and Facilities Behnam Afsharpooya, Dassault Systèmes	1026: (IS) CPG Learnings on Transition to 2018x 3DEXPERIENCE Jeryl Proudfit, Procter and Gamble	1104 (EAS): Leveraging the Business Value of Early Virtual Validation Lilian Chou, Dassault Systèmes	1128: (PD) CATIA Weight and Balance Intelligence Rob Donath, Dassault Systèmes	1201: Getting it Right, before it's Built: Using EZtol and CETOL 6o for an Integrated, Low-Risk Approach to Tolerance Analysis Stephen Werst, Sigmatrix		
3:00 pm - 3:15 pm	Break									
Session Tracks	IDDK	Manufacturing	Information Management	Information Management	Industry	Product Definition	Product Definition			
3:15 pm - 4:05 pm	1065 (SDA) PRODUCT - Working with DSLS Larry Zaino, Dassault Systèmes	1009: (MAN) Manufacturing Roundtable Kevin Abers, Lockheed Martin Aeronautics Company	1123: (DEM) Tech Talk - Migration of Systems Engineering Data Sunil Elenayar, The Boeing Company 1140: (IDM) Tech Talk - All About Ghosts in the Vault: Detecting & Eliminating Anomalous Model Links Stephen Burton, Gulfstream Aerospace	1145: (DEM) 3DEXPERIENCE Visualization Options Michael Craffey, Razorleaf Corp.	1036: (IS) (AEC) Infrastructure Project with CATIA Civil Engineering Patrick Fougeray, Dassault Systèmes	1070: (PD) Using CAA to Export Multi-Shape V6 Assemblies to STEP Christopher T Mason, Bell	1031: (PD) (MBD) Integration of Standards in Undergraduate Curriculum for MBD Ready New Hires Rosemary Astheimer, Purdue University			