



pSeven
Enterprise

PSEVEN USER CONFERENCE 2022
October 12, 2022 | ONLINE

Build, explore, optimize and deploy industrial Digital Twins at scale across various industries

Industry trends: Let's have a look on agenda topics of 2022 NAFEMS conference



- Data Science, Data analytics
- CAE in the Design Process
- Simulation Process and Data Management
- Additive manufacturing
- Stochastics / Uncertainty Quantification
- Topology Optimization
- Verification & Validation
- Digital Threads & Digital Twin
- AI-Guided Simulation
- Automotive Simulation
- Risk Management & Credibility
- Multiscale
- Reduced Order / Surrogate Modeling
- Contact, Joints, Welds & Connections
- Dynamics
- Simulation Governance
- CFD
- Integration
- Durability & Damage Tolerance
- Advanced Materials Engineering
- Model-Based Engineering
- Democratization
- Workflows & Cosimulation
- Predictive Analytics
- Integration of Physical Test with Analysis & Simulation

YOU'RE IN THE RIGHT PLACE!



New paradigm in Engineering design methods



**PSEVEN ENTERPRISE:
COLLABORATE, PUBLISH AND SHARE**



Scale

- Access anywhere
- Gather all disciplines in one place
- Leverage entire compute capacity and maximize ROI



Collaborate

- Share information and knowledge
- Break silos
- Run true multidiscipline simulation while preserving domain ownership



Democratize

- Make complex simulations and data science affordable to all domains
- Deploy models and workflows across the company in few clicks
- Capture and keep knowledge



Extend

- Integrate engineering environment seamlessly with other company Information Systems (PLM, SPDM, Data Pipeline)
- Add your existing engineering tools and micro-services to the platform
- Open architecture



- **State of the art in parametric optimization**
- **Industrial applications of Surrogate Based Optimization**
- **Cloud architecture enabling spreading of Design Space Exploration methods**
- **Benefit of linking PIDO to SPDM/SLM frameworks.**
- **Enabling Digital Twin strategy (predictive model connected 24/7 to company assets)**
- **Products news and roadmap**

2022 product release pace



10 product releases in 2022



7 product releases in 2022

September 16, 2022
pSeven 6.38 Release

May 17, 2022
pSeven 6.34 Release

September 13, 2022
pSeven Enterprise v2022.09 Release

August 22, 2022
pSeven 6.37 Release

April 19, 2022
pSeven 6.33 Release

August 11, 2022
pSeven Enterprise v2022.08 Release

July 26, 2022
pSeven Enterprise v2022.07 Release

July 15, 2022
pSeven 6.36 Release

March 17, 2022
pSeven 6.32 Release

March 9, 2022
pSeven Enterprise v2022.03 Release

June 29, 2022
pSeven Enterprise v2022.06 Release

June 20, 2022
pSeven 6.35 Release

February 25, 2022
pSeven 6.31.1 Release

February 21, 2022
pSeven 6.31 Release

January 31, 2022
pSeven 6.30 Release

Distributors





CIMdata[®]

Keynote Presentation: Enabling Digital Transformation in Engineering: Trends and Challenges
Donald Tolle, Director, Simulation-Driven Systems Development Practice



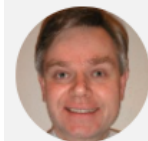
Isae
Institut Supérieur de l'Aéronautique et de l'Espace
SUPAERO

Keynote Presentation: Recent progress in engineering design with MDO/AI
Joseph Morlier, Professor of Aerospace Engineering, ISAE-SUPAERO/ICA



SEAL
Engineering
TechnipFMC

Keynote Presentation: ARENA, the future of engineering for flowline studies
Sylvain Truche, Project and R&D engineer | SEAL Engineering, part of the Centre of Expertise of TechnipFMC




theSDMconsultancy.com

20 years of SPDM in production - towards a convergence of SPDM and PIDO
Mark Norris, CEng MIMechE MBA, theSDMconsultancy



Have a great conference!

Next talk:

10:15 - 10:40	 <p data-bbox="2028 815 2270 872">CIMdata[®]</p> <p data-bbox="690 1011 2288 1053">Keynote Presentation: Enabling Digital Transformation in Engineering: Trends and Challenges</p> <p data-bbox="690 1082 1895 1125">Donald Tolle, Director, Simulation-Driven Systems Development Practice</p>
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