

Media Alert:

Meet ESI at the NAFEMS World Congress 2017

**Silver sponsor, ESI will present 7 papers
and chair the Session on *Manufacturing Process Simulation***

Who? [ESI Group](#) is a leading innovator in [Virtual Prototyping](#) software and services for manufacturing industries. Specialist in material physics, ESI has developed a unique proficiency in helping industrial manufacturers replace physical prototypes by virtual prototypes, allowing them to virtually manufacture, assemble, test and pre-certify their future products.

What? From June 11 to 14, 2017, ESI will join the [NAFEMS World Congress 2017](#), the world's only independent, international conference dedicated to every professional involved in engineering analysis, simulation, modelling, and systems engineering. This year, the congress will host the 3rd International Conference on Simulation Process and Data Management (SPDM), and a dedicated symposium on Manufacturing Process Simulation & Additive Manufacturing, covering all virtual manufacturing solutions within the product design and manufacturing cycle.

We hope you will join ESI at the event and visit us on booth 34.

ESI teams also invite you to attend their numerous presentations, as listed below:

- **The Journey from Simulation and Virtual Prototyping Towards the Hybrid Digital Twin and Product Performance Lifecycle**
By Rajab Said, Academic and R&D Collaboration Manager, ESI Group
On Jun 13 at 1:35 pm in Session 5B
- **Integration of Machine Learning and Visualization for effective Design Exploration**
By Suzana Djurcilov, Software Development Engineer, ESI Group
On Jun 13 at 1:45 pm in Session 6D Robust Design
- **Virtual Car Prototyping in Realistic Driving Environment: Examples of deep water crossing and heavy rain management,**
By Alain Tramecon, Composites Performance/FPM Solution Manager, Manager Virtual Prototyping COEs, VPS / Product Modeling Department, ESI Group
On Jun 13 at 3:45 pm in Session 6A Particle Methods
- **Development of a Simulation Based Solution for the Design and Manufacture of 3D Woven Composites**
By Rajab Said, Academic and R&D Collaboration Manager, ESI Group

On Jun 13 at 3:45 pm in Session 6H Manufacturing Process Simulation - Composites Manufacture

- **Capturing, Integrating & Automating CAE Workflow**
By Roshan Nataraj, Project Manager, ESI Group
On Jun 14 at 11:10 am in Session 7J Democratisation 2
- **Adaptive local weld models in Advanced High-Strength Steels for use in full-vehicle crash simulation**
By Alexandre Dumon, Engineer for Multi Material Assemblies
On Jun 14 at 11:10 am in Session 7F Crash / Impact

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Tackle design challenges for the next generation of lightweight, green and autonomous vehicles. ESI Virtual Performance Solution enables engineers to rapidly test their innovations on virtual prototypes across multiple domains, including water flow simulation, in a single-core model.

www.esi-group.com/VPS

Virtual Prototyping
Software and Services

esi | **VIRTUAL PERFORMANCE
SOLUTION**

Image: Among ESI's many software solutions, Virtual Performance Solution enables the Virtual Prototyping of vehicles in a realistic driving environment. (Topic presented on Jun 13 at 3:45 pm in Session 6A Particle Methods).

When? 11-14 June, 2017

Where? Stockholm, Sweden

For more info, please visit: www.esi-group.com/company/events/2017/nafems-world-congress-2017

For additional information and to book one-on-one meetings, please contact:



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About ESI Group

[ESI Group](#) is a leading innovator in [Virtual Prototyping](#) software and services. Specialist in material physics, [ESI](#) has developed a unique proficiency in helping industrial manufacturers replace physical prototypes by virtual prototypes, allowing them to virtually manufacture, assemble, test and pre-certify their future products. Coupled with the latest technologies, Virtual Prototyping is now anchored in the wider concept of the *Product Performance Lifecycle*, which addresses the operational performance of a product during its entire lifecycle, from launch to disposal. The creation of *Hybrid Virtual Twins*, leveraging simulation, physics and data analytics, enables manufacturers to deliver smarter and connected products, to predict product performance and to anticipate maintenance needs.

ESI is a French company listed in compartment B of NYSE Euronext Paris. Present in more than 40 countries, and addressing every major industrial sector, [ESI Group](#) employs about 1200 high-level specialists around the world and reported annual sales of €141 million in 2016. For more information, please visit www.esi-group.com.

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