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ESI is the pioneer and world-leading solution provider in virtual prototyping.

Market Data

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ESI Global Forum 2010 worldwide users conference will feature over 80 presentations on Virtual Prototyping

[ESI Global Forum 2010](#), users conference taking place on May 19-20, 2010 in Munich, Germany, will be the opportunity to witness some of the ambitious new projects undertaken by [ESI](#) customers worldwide showcasing the growing importance of [End-to-End Virtual Prototyping](#) and its already significant benefits.

Effective [End-to-End Virtual Prototyping](#) anticipates the surprises coming from tests made on real (hardware) prototypes by virtually fabricating, building and testing the product in *coherent progressive stages*: part by part, component per component and per assembly, and concurrently across multiple domains. A good Virtual Prototype enables at each step of the development cycle to test the *performance, margins and robustness* on the virtual model under assessment, in order to evaluate and correct, if needed, some critical aspects of the product design or fabrication.

In some cases, the imperatives of innovation drive us to a design that goes beyond traditional and regulatory bounds, moving us to where industrial experience becomes insufficient: facing uncertain sizing margins, random robustness, and problematic validation of the new product. The Project Manager is then confronted with uncharted processes while being expected to develop and justify a trial plan for manufacturing and multi-domain performance to evaluate the safety margins and guarantee product robustness.



This is where [End-to-End Virtual Prototyping](#) finds its compelling justification: to meet this “high anxiety” associated with innovative design by providing a reliable methodology both progressive and economical. It enables product development teams to produce *concurrently* quality results: accurate, for the right cost and at the right time with impressive benefits.

Over 80 user presentations will be held during [ESI's](#) worldwide users conference, among whom the following keynote speakers:

- **Toshihiro Araki** from NISSAN MOTOR CO., LTD., *CAE current status and future plan at Nissan Motor*
- **Stéphane Baril** from EADS Astrium ST, *Satellite Antenna Reflector Design and Optimization using Vibro-Acoustics Simulation*
- **Roger Herdy** from Qualis Corporation, *Vdot™: A Software Solution to Optimize Aerospace Applications*
- **Dr. Bernd Mlekusch** from Audi AG, *CAE-Aided Car Body Design*

Parallel sessions are organized by simulation [trade](#): Virtual Performance (crash, impact, safety and comfort), Multiphysics, Vibro-Acoustics, Electromagnetics, Casting, Sheet Metal Forming, Welding, Composites & Plastics.

The detailed agenda, speakers & abstracts are available at: www.esi-group.com/globalforum2010

[ESI Global Forum 2010](#) is catered to all willing to discover, share ideas and experiences on [Virtual Prototyping](#) for product performance, materials selection and manufacturing processes to get the job done at the right time. Participants include designers, engineers, analysts and managers of customer and partner companies from around the world and from various industries among which transportation, aeronautics, marine, energy, heavy industry, high-tech & electronics, as well as leading European academic institutions.

There's still time to join us! Online registration is available at: www.esi-group.com/globalforum2010/Registration



Alain de Rouvray, Chairman and Chief Executive Officer, ESI Group, looks forward to welcoming you to Munich: *“ESI Global Forum 2010 is your meeting where you will listen to each others’ challenges, recognize your successes, and examine ways to further achieve your desired results and drive your ambitious innovations. Let us convene in Munich to examine our End-to-End Virtual Prototyping present and future, and prepare for it collaboratively, dynamically and efficiently.”*

For more ESI news, visit: <http://www.esi-group.com/newsroom>

About ESI Group

[ESI](#) is a pioneer and world-leading solution provider in virtual prototyping that takes into account the physics of materials. [ESI](#) has developed an extensive suite of coherent, industry-oriented applications to realistically simulate a product’s behavior during testing, to fine-tune manufacturing processes in accordance with desired product performance, and to evaluate the environment’s impact on performance. [ESI](#)’s solutions fit into a single collaborative and open environment for End-to-End Virtual Prototyping, thus eliminating the need for physical prototypes during product development. The company employs over 750 high-level specialists worldwide covering more than 30 countries. [ESI Group](#) is listed in compartment C of NYSE Euronext Paris. For further information, visit www.esi-group.com.