



Paris, France – January 25, 2011

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

#### Market Data

Listed in compartment C of NYSE Euronext Paris

[ISIN FR 0004110310](#)

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#### Connect with ESI



## ESI's first Expert Composites Seminar declared a resounding success

### Attendees learn about state-of-the-art composites modeling simulation to help overcome the design and manufacturing challenges of composite components

**ESI's first [Expert Composites Seminar](#), a two-day course on composites modeling, took place on October 4 and 5, 2010 in Bordeaux, France. The seminar offered attendees a variety of lectures about the contribution of multi-domain simulation to advanced composite parts development.**

Guest speakers from renowned research institutions included Professor Christophe Binetruy (ENSTIM Douai, France), Professor Philippe Boisse (INSA Lyon, France), Eric Deneux (Pôle de Plasturgie de l'Est, France), Dr. Alastair Johnson (German Aerospace Institute, Germany), Professor Stepan Lomov (Katholieke Universiteit Leuven, Belgium), Serge Mouton (University of Bordeaux, France), Dr. Alex Skordos (Cranfield University, UK) and Dr. Magnus Svanberg (Swerea SICOMP AB, Sweden). An intimate setting allowed for much interaction and exchange between the speakers and the delegates, who joined the seminar from more than 14 companies and academic institutions, in 7 different countries.

Learning from the latest advances in composites modeling allows CAE engineers and scientists from industry and research centers to overcome design and manufacturing challenges of composite components thanks to [Virtual Prototyping](#). By discussing new market trends and with the latest state-of-the-art technology for composites simulation presented, participants were able to brainstorm and exchange ideas about the future enhancements needed in composites simulation.



*“The recent Expert Composites Seminar provided me with the perfect networking opportunity to meet with many technical experts and people generally interested in the niche field of advanced composite process modeling and structural analysis simulation,”* said **Ms. Janna Fabris**, Research Engineer at Boeing Research and Technology Australia. *“I thoroughly enjoyed listening to the many speakers addressing the fundamental process physics in composites simulation and emerging trends with respect to automating and integrating this advanced technology into reliable software tools.”*

*“The effort to bring together experts from the composite community was both remarkable and necessary,”* declared **Mr. HG Prasad**, Lead Engineer, Process design at LM Wind Power. *“Irrespective of the software product, the challenges faced in the industry are the same, and solutions do exist in various parts of the community. Until now, we were just missing a platform to share these good practices, which is what ESI achieved by bringing in experts to share their solutions. This forum needs to be kept alive by meeting at regular intervals.”*

The variety of attendees highlighted the challenges faced in different industry sectors including automotive, aerospace, aeronautics, marine and wind energy.

The overall feedback on the seminar was very positive, with 100% of attendees feeling that their expectations in terms of presentation quality and content were either fully satisfied or overachieved. 100% of the participants expressed interest in attending the next Expert Composite Seminar in 2011 and over 70% in attending other ESI [Expert Seminars](#) relevant to their business.

*“We believe that this first Expert Composites Seminar provided a great insight into many domains that are going to form the building blocks of the best-practice that is currently under development. To be more specific, the Manufacturing Process Simulation and its use, not only in manufacturing but also in economical, robust and safe design, were extensively discussed amongst the participants,”* said **Dr. Patrick de Luca**, Composites Solution Manager at ESI Group. *“With a diverse range of thought-provoking presentations, this seminar turned out to be a great place for networking and discussions. ESI will continue to host other Expert Seminars to encourage the integration of new industrial methodologies into the development of composite materials.”*

Learn about other ESI expert course opportunities at: [www.esi-group.com/corporate/events/expert-seminars](http://www.esi-group.com/corporate/events/expert-seminars)

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#### 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](http://www.esi-group.com).