

Media Alert:

Dr. Ravi Raveendra Joins ESI's Scientific Committee, headed by Professor Francisco Chinesta

ESI Group welcomes a major international expert

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? ESI is proud to announce that **Dr. Ravi Raveendra** is joining ESI's scientific team of world class experts to tackle critical challenges related to material physics, manufacturing and simulation. He will contribute to ESI's Research & Development (R&D) strategy worldwide.

Dr. Ravi Raveendra is ESI Group's new Scientific Director for North America and a member of the group's [Scientific Committee](#). With a PhD in Computational Engineering Mechanics from the State University of New York, USA, Dr Raveendra has worked on many large-scale projects with government agencies and industrial clients in vibro-acoustics, noise control materials, fracture mechanics, composite materials, probabilistic structural analysis methods, cathodic protection and inverse problems among others. He is author and co-author of more than 100 technical publications.



Image: Dr. Ravi Raveendra, Scientific Director for ESI North America, ESI Group and Prof. Francisco Chinesta, Scientific Committee President, ESI Group

ESI's Scientific Committee is headed by **Professor Francisco Chinesta**, world-renowned scientist, Professor of computational physics at the [Ecole Centrale of Nantes](#) (France), and researcher at the High Performance Computing Institute in France. He is fellow of the "Institut Universitaire de France" (French University Institute), and of the Spanish Royal Academy of Engineering. Prof. Chinesta has received many scientific awards in various fields (bio-engineering, material forming processes, rheology and computational mechanics). He is also the author of 250 papers in peer-reviewed international journals, president of the French association of computational mechanics (CSMA), and director of the CNRS research group on

model order reduction techniques for engineering sciences. He is editor in chief and associate editor of many scientific journals. **Prof. Chinesta** and Ass. **Prof. Emmanuelle Abisset** are the scientific leaders of the [ESI-Centrale Nantes chair](#), chair that involves more than 20 researchers at Centrale Nantes and an international network of large spectra.

Meet Dr Raveendra at **Noise Con 2017** (taking place simultaneously with the [SAE 2017 Noise and Vibration](#) Conference from June 12 - 15 in Grand Rapids, Michigan, USA), where he will be presenting a paper entitled “*Comparison of Methods for High Frequency Acoustic Radiation Analysis*“, written by S.T. Raveendra, Z. Zhang, A. Chodankar.

Visitors at **Noise Con 2017** are also invited to visit ESI on booth #35 to see live demos and learn more about minimum sound requirements for hybrid and electric vehicles, pass-by noise, aero-vibro-acoustics and trim modeling & optimization.

For more info, please visit: www.esi-group.com

Find out more about SAE 2017 Noise & Vibration Conference: www.esi-group.com/company/events/2017/sae-2017-noise-and-vibration

For additional information, 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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