



Press Release

Virtual Product Test for Designers and Engineering Simulation Software for Analysts at Pacific Design Show

WESTMINSTER, CA. January 19, 2009 – NEi Software (NEi), a global leader in the development of Finite Element Analysis (FEA) software will demonstrate how pre and post processors Femap[®], NEiFusion[™], and NEiWorks[™] powered by NEi Nastran[™] solvers assist both designers and analysts in testing products on their computers faster, easier, and with greater fidelity at the Pacific Design and Manufacturing Show. Digital prototyping technology developed by NEi creates graphic results of engineering parameters like stress, vibration modes, and heat flux when 3D CAD parts and assemblies are subjected to structural or thermal loads. Simulation software is receiving more attention in today's economy because of its ability to reduce costs through savings on fewer physical prototypes and test programs, reduction in redesigns by early recognition of problem areas, shortened design cycles, and accelerated time to market.

New virtual testing tools in NEi's portfolio include: Automated Impact Analysis and Drop Test (AIA[™]), Design Optimization, Automated Surface Contact Generation (ASCG[™]), Automated Edge Connection Generation (AECG[™]) and Progressive Ply Failure Analysis (PPFA[™]). AIA is used in a variety of areas including military projectiles, product packaging and drop testing of consumer electronic products. Design Optimization finds solutions for complex designs with competing parameters, such as structures that must be both strong and light. ASCG provides real world fidelity in modeling assemblies. AECG is a major productivity tool that significantly speeds model creation for shell type structures like, cars, ships, and aircraft. PPFA reveals how damage is propagated through composite structures like carbon fiber and epoxy laminates.

NEi will be at Booth # 3519 at the Pacific Design Show, February 10-12, 2009 in the Anaheim Convention Center, Anaheim, CA. NEi will provide qualified parties with a free exhibit hall pass and invites attendees to review their specific application with a technical specialist. Sign up is at www.nenastran.com/pacific-design-2009.

About NEi Software (NEi)

NEi is a global leader in engineering analysis and virtual test software for designers and analysts. Engineers gain insight with digital prototypes that provide graphic visualizations of stress, deformation, vibration modes, impact, fatigue, kinematics, heat transfer, fluid flow, and other physical parameters. Companies gain a competitive edge with a faster, less costly product development process that delivers more innovative, reliable, and higher quality products. See the website for applications by leading companies, video demonstrations, White Papers, webinars, tutorials, and training classes.

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