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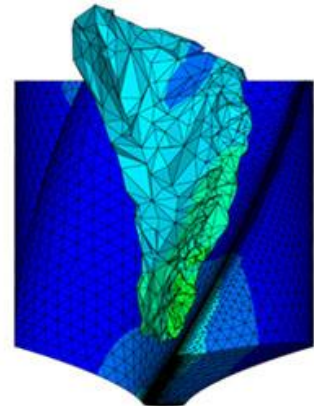
FOR IMMEDIATE RELEASE

Third Wave Systems to Release AdvantEdge FEM 5.4

MINNEAPOLIS, MINN. (7 July 2009) – Third Wave Systems, Inc. is pleased to announce the upcoming release of AdvantEdge FEM version 5.4 on August 3, 2009. AdvantEdge FEM is a materials-based software solution for the optimization of metal cutting, and has been an innovative computer aided engineering (CAE) software package since its inception. The FEM software provides detailed information about heat flow, temperatures, stresses, and forces for machining processes. Version 5.4 builds on the previously-released AdvantEdge FEM 5.3 (February 2009) and introduces additional user-friendly features.

Among the new and/or enhanced features in AdvantEdge FEM version 5.4 are:

- 3D chip refinement, for added control over chip mesh
- Chip-only display in 3D (pictured at right), for viewing chips independently of uncut workpieces during result analyses
- User-defined workpiece initial mesh size, for more control over initial 3D workpiece mesh
- Improved 3D engine performance
- Performance improvements, for faster 3D initial mesh
- User-defined 2D yield surfaces, for extended control over user-defined material models
- Workpiece truncation (3D milling processes), for reducing simulation runtime and exerting more control over workpiece geometry



(more)

Ongoing software benefits experienced by AdvantEdge FEM users are:

- Increased material removal rates
- Improved tool life
- Predicted chip shape
- Shortened product design cycles
- Reduced trial and error testing

About Third Wave Systems, Inc. Third Wave Systems provides machining modeling software and services used by Fortune 500 aerospace, automotive, cutting tool, and micro-manufacturing companies to analyze and optimize traditional and high speed machining processes. Headquartered in Minneapolis, Minnesota, USA, Third Wave Systems also has offices in Detroit, Michigan; East Hartford, Connecticut; and the United Kingdom. International distributors, along with technical support, are located in Europe and Asia.

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