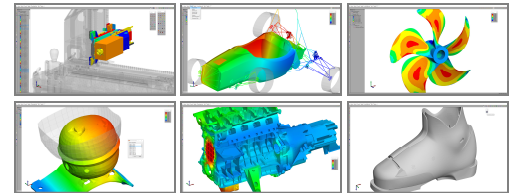
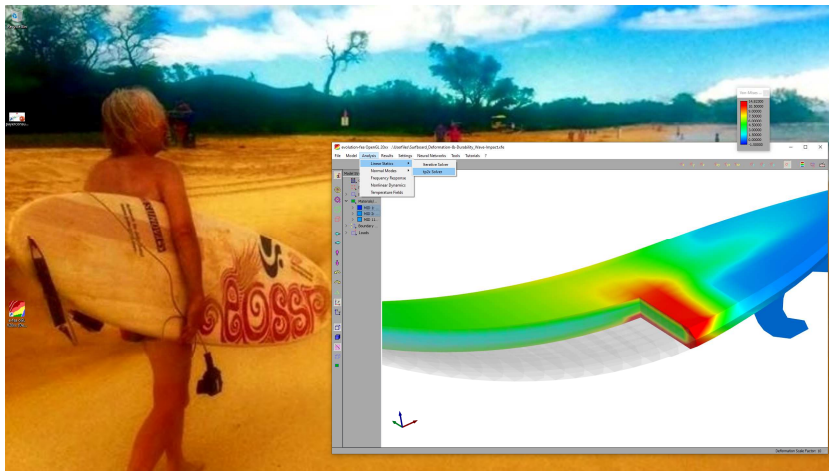


* powered by



e-fea/nN Spotlights :: Model Building and Analyses of Stiffness, Durability, Vibrations & Acoustics featuring Generation of 3D Printing Data et al

evolution-fea ('e-fea')

Finite-Element Kernel & neural Networks

Quality & Freedom...

...the evolution Open Source Simulation Project ('eOSSP') has been designed to be a key driver for developing better products faster & at reduced costs, across all industries!

The eOSSP builds upon the Finite Element Kernel *evolution-fea*[®] ('e-fea') – which was born out of the AK32 Task Force "Engine Simulation" of the German car makers Audi, BMW, Mercedes, Porsche & VW – and upon an Open Source Business Model.

e-fea comes with highly advanced pre/postprocessing and analysis features, e.g. batch meshing, parallelization et al...

...and, e-fea features game-changing neural Network ('nN') Solutions* which enable you to easily generate/process training data, and rapidly train & deploy nN for instant design variations with 'live' predictions of mechanical properties – on any PC or Notebook, and off the Cloud!

Images

- Durability of a Surfboard**
- CAD Assembly of a Tooling Machine
- Stiffness of a Formula-Student Race Car
- Durability of a Ship Propeller
- Normal Modes of a Fridge Compressor
- Structure born Noise at an I4 Engine
- 3D-Printing Model of a Ski Boot

** e-fea/nN GUI on Windows Desktop feat. Makena Beach (Maui) & eOSSP Surfboard

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