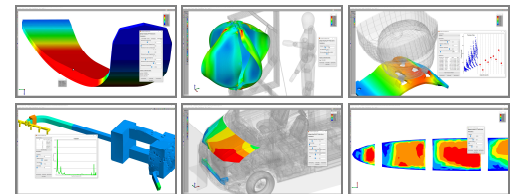
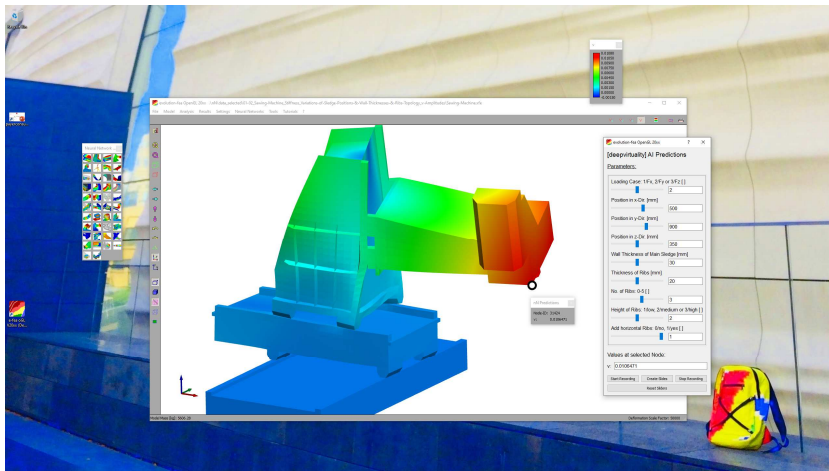


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e-fea/nN Spotlights :: Templates featuring slider-based Design/Parameter Variations with 'live' nN Predictions of any mechanical Properties

Artificial Intelligence ('AI') for Industrial Design & Engineering Saving Tons of Product Development Times...

...AI and neural Networks ('nN') are about to disrupt today's design & engineering processes, and trigger a new era in the multiple fields of product development, across all industries!

Trained sophisticatedly on historical simulation and/or testing data, nN are able to accurately predict the mechanical properties of any products – from stiffness & durability, over vibrations, acoustics & multi-body dynamics, up to fluid mechanics, crash behavior et al...

...with this respect – and featuring *PyTorch* & *eOSSP* Libraries for rapid nN trainings & deployments, with (optionally) tailored data generation – our neural Network Solutions* enable massive reductions of product development times & costs, leveraging the values of simulation techniques and replacing simulation in many areas.

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Images

- Deformation Behaviour of a Sawing Machine**
- Stiffness of an Alpine Ski
- Durability of a High-Speed Wind Turbine
- Natural Frequencies of a Fridge Compressor
- Sound Pressure Spectra at an Exhaust Gas Box
- Crashworthiness of a Cargo Van
- Fluid Dynamics in a HVAC Channel

** *e-fea/nN* Templates on Windows Desktop feat. San Francisco MOMA & *eOSSP* Backpack