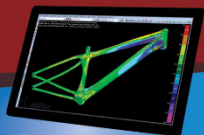
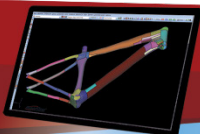


# HyperSizer Express

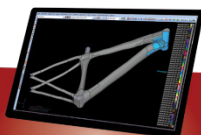
Automatically optimize laminates on your FEM for any FEA solver (Nastran, Abaqus, OptiStruct...)



1 Import FEA stresses



2 Optimize FEM property zone shapes



3 Sequence laminates to maximize ply sizes



# Rapid Composite Laminate Optimization

**Thursday, March 17**  
2pm Central Europe Time

To register, email [info@hypersizer.com](mailto:info@hypersizer.com) with your name, company name, and phone number and we will send you the information to join.

## Insanely Fast Laminate Optimization for Composites

HyperSizer Express provides cost effective and rapid optimization of general structures. We have taken 20+ years of aerospace software development and packaged the most enabling technologies into a very easy to use software product.

95% of users, without a user manual, and without instruction, will be able to import their FEM and produce optimum composite laminates that satisfy all analyses to all load cases within the first 10 minutes. Your automatically updated model will have minimum weight and fully producible laminates with global plies identified.

**Questions?**  
+1 757 825-0000  
[www.hypersizer.com](http://www.hypersizer.com)

# **HyperSizer**<sup>®</sup>

## **March 17 Webinar**

### **Why Attend?**

**Be the first to learn about Express!** (released March 2016)

HyperSizer Express Software originates from HyperSizer Pro and has all of the expertise and maturity of Collier Research's flagship product because it shares the same analytical methods and core code that have been used by the aerospace industry for 25 years.

**See the new interface**

**Watch the analysis and optimization process**

**See the key capabilities in action**

- Extremely easy to use (*no training required*)
- Very fast results (*insanely fast*)
- Optimization for strength and stability **and stiffness criteria**
- Couples very tightly with FEA Solvers
- Defines optimum FEM property zone shapes and sizes (patterns)

**Learn about the many applications for Express**

With its ease of use and robust optimization, the software is suitable for the general composites engineer. This includes industries such as:

- Sports (*bicycle frames, snowboards, sailboats*)
- Medical (*equipment, leg/foot prosthesis*)
- Automotive (*Doors, trunks, hoods, body panels, floor panels, body in white*)
- Industrial (*robotic end effectors*)
- Aerospace (*airplane seats, doors, winglets, flaps*)