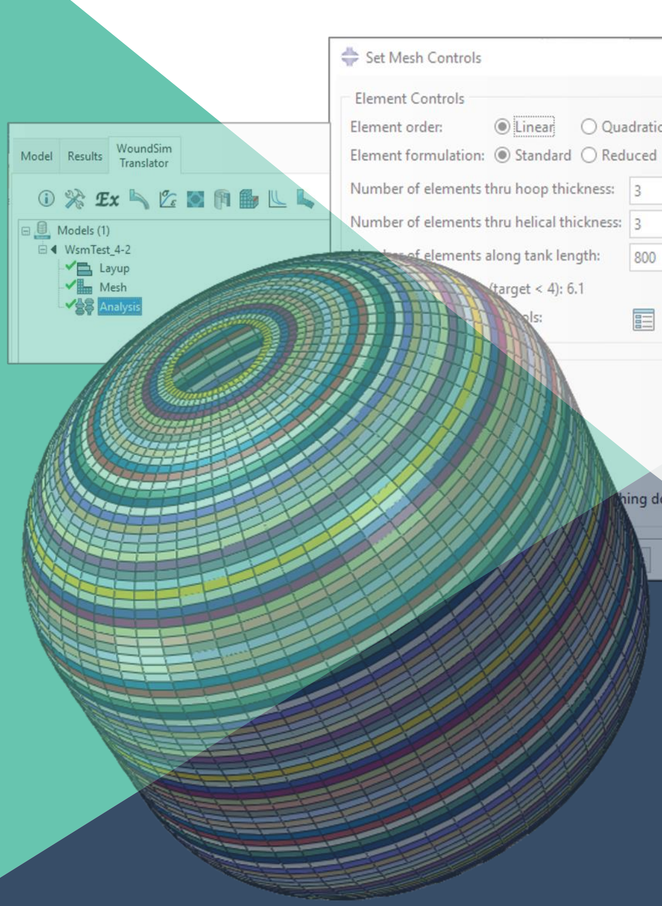
S VERTICAL
Integrated Simulation Intelligence

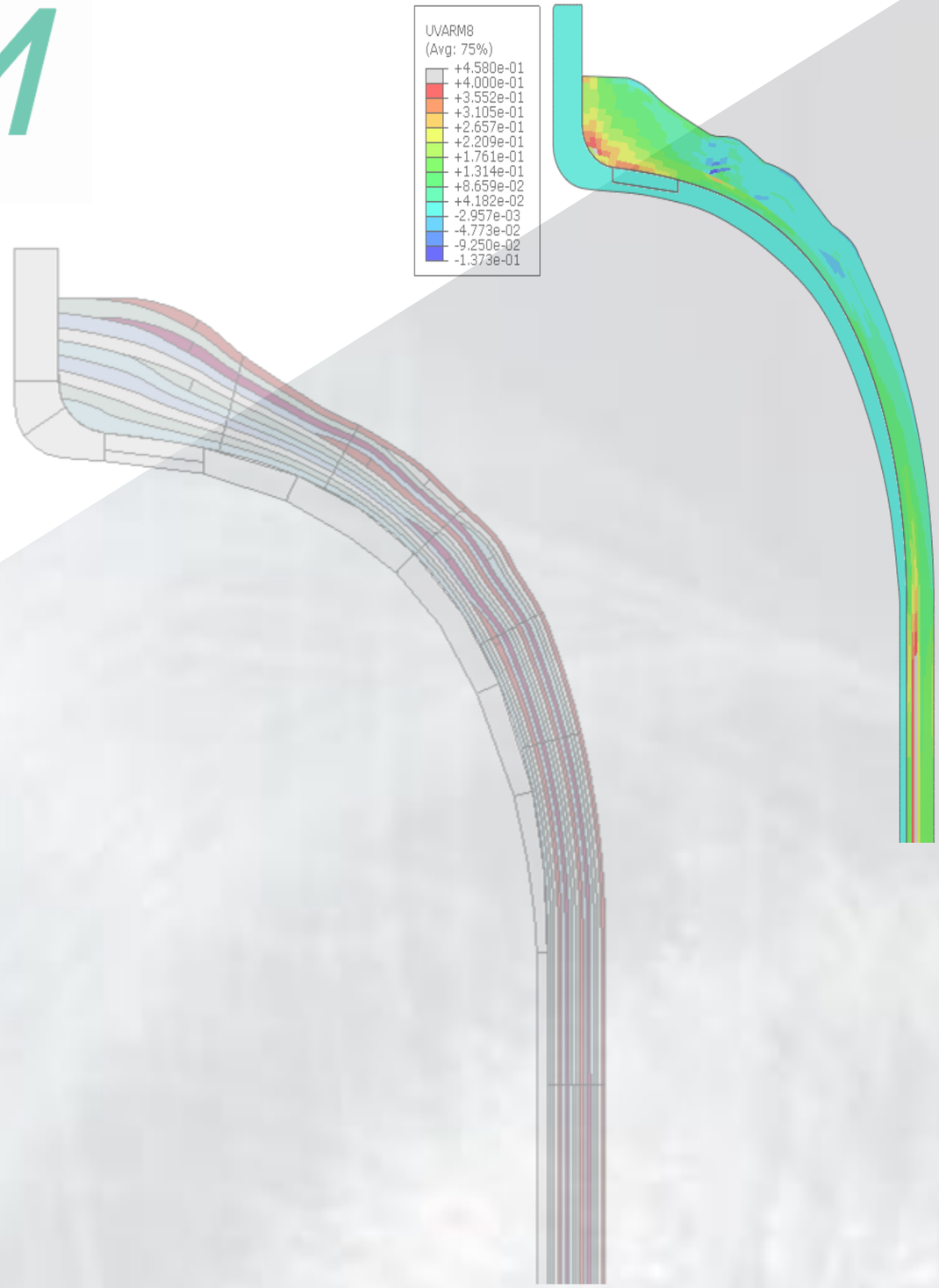
QUSTOMAPPS

WoundSIM

THE integrated intelligence for composite pressure vessels design and simulation

WoundSim 2024 Release Notes



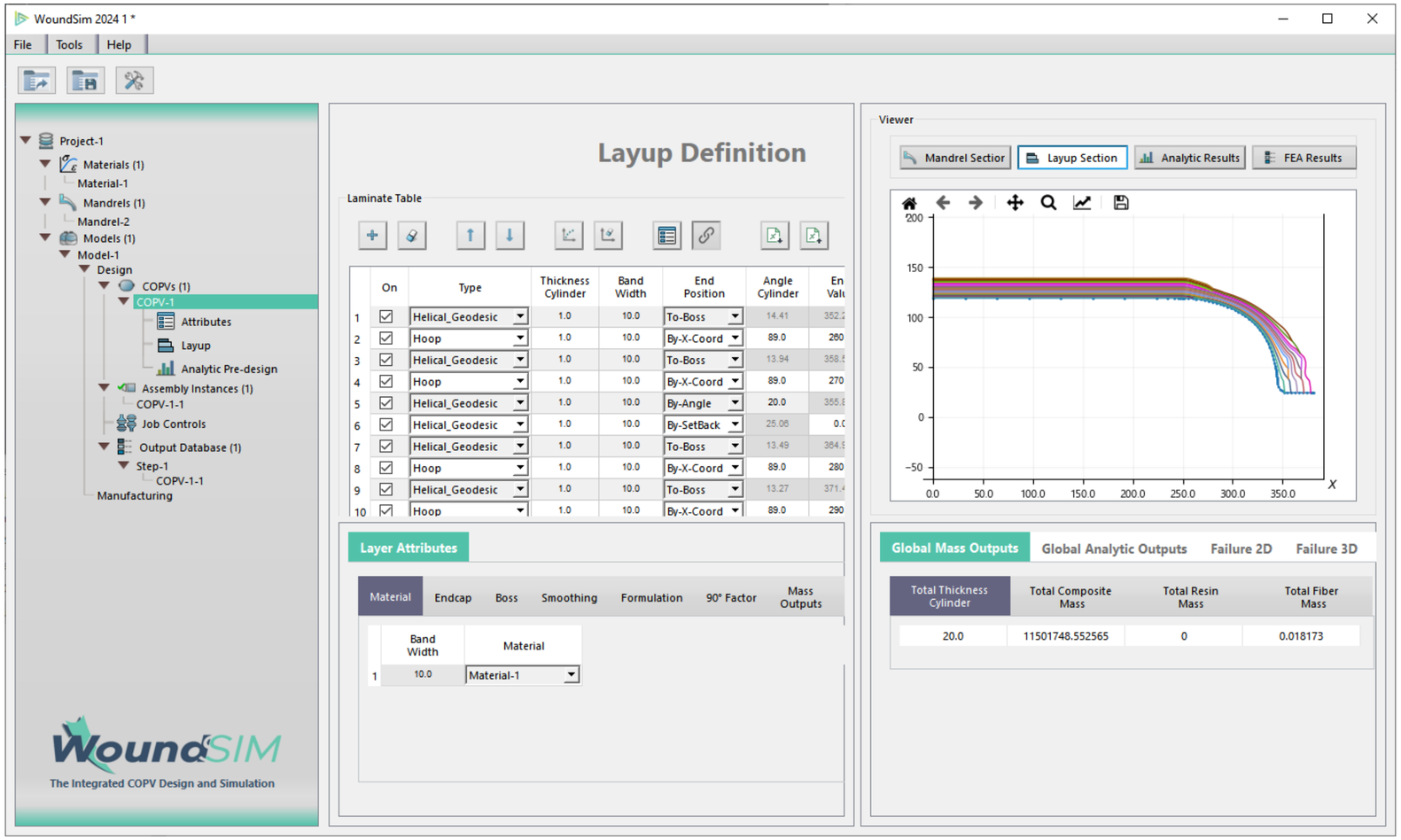


S VERTICAL
Integrated Simulation Intelligence

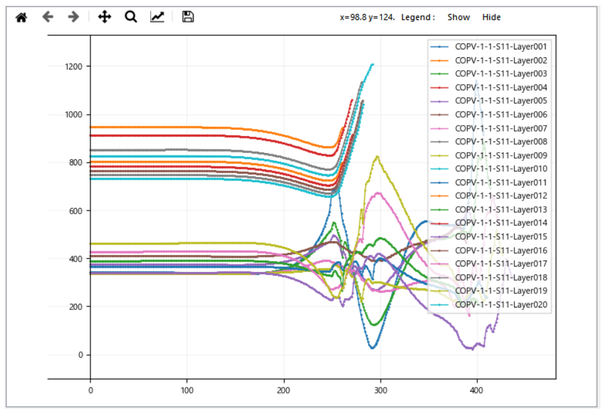
QUSTOMAPPS

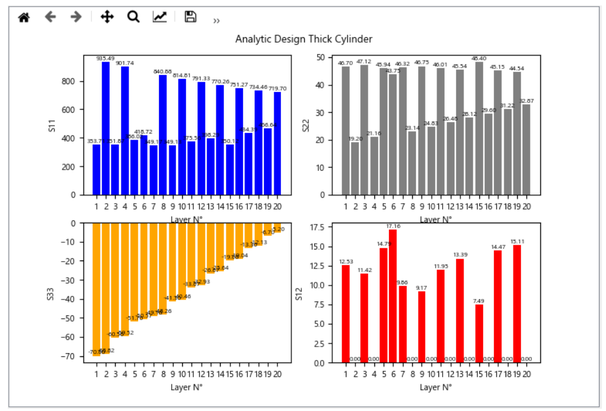
WoundSim 2024 Major Release Main New Features

- New **GUI** with model tree
- Support for **multiple** COPVs and Multiple models
- New advanced **layup** capabilities
- Support for symmetric **plies** modeling, (non-smeared approach)
- Support for **layered** brick elements for both smeared and non-smeared approaches
- Support for **progressive** failure models
- Additional FEA **failure** measures
- FEA **outputs** storage



- **Analytic** predesign capabilities using CLT and 3D elasticity theories
- **Failure** measures capabilities using analytic predesign results
- Initial **CAD-Winding** capabilities





WoundSIM

WoundSIM

THE integrated intelligence for composite pressure vessels design and simulation

Contact information:

Amine ABICHOU
+33 7 85 08 30 74
contact@svertical.com
www.svertical.com

Mike Shubert
+1 469 8968-7494
sales@qustomapps.com
www.qustomapps.com

WoundSIM