

ANSA/META for structures made of laminated composites

webinar sessions

Session 1: ANSA – Multiscale Modeling of Composites

- General Intro to Composite Materials
- Mean Field Homogenization – Linear & Non Linear Material Models – Material Cards
- RVE Generator – Linear & Non Linear FE Homogenization – Material Cards

Session 2: ANSA – Laminated Composites

- Material orientation
- Introduction to Laminate Tool
- Laminate properties – Layers definition
- Laminate Convert plugin (from 2D to 3D Models)
- Reporting – Plybook generation
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Session 3: Accessing Composite Results in META

- Introduction to Composite Toolbar
- Criteria Calculation methods
- Materials setup
- Read results
- Query – 2D plots – Material & Results evaluation



Supporting material:

Tutorials

- Setting up laminate models in ANSA

Video tutorials

- [Creating a laminate from shell thickness](#)
- [Laminated Composites Modeling in ANSA](#)
- [How to post-process composite results in META](#)