

# Introduction to pre-processing with ANSA and solving with EPILYSIS

## *webinar sessions*

### Session 1:

- Introduction to ANSA
- Main terms and GUI
- CAD translation
- Geometry/Topo/
- Middle surface extraction
- Model Organization & Handling

### Session 2:

- Shell mesh
- Batch mesh
- FE Handling
- Middle surface mesh extraction
- Post - mesh checks

### Session 3:

- Volume mesh
- Connections and assembly
- Introduction to solver decks and model management
- Introduction to EPILYSIS
- Fasteners handling



## **Supporting material:**

### **Tutorials**

- Getting started with ANSA
- Geometry clean-up and shell meshing
- Batch mesh
- Batch mesh for solid
- Hexablock meshing (structural)
- Assembly of metal sheets with spotwelds and seamlines
- Set-up NASTRAN loadcases
- EPILYSIS examples guide

### **Video tutorials**

[ANSA Tutorials - How To Guides - YouTube](#)