

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

## *webinar sessions*

### **Session 1:**

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- Introduction
- Main terms and GUI
- CAD translation
- Geometry healing
- Managing of assemblies: model browser

### **Session 2:**

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- Surface meshing
- Batch meshing
- Surface mesh improvement
- Handling FE mesh
- Penetration checks

### **Session 3:**

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- Volume meshing
- Assembly
- Introduction to solver decks
- Introduction to EPILYSIS



## **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](#)