



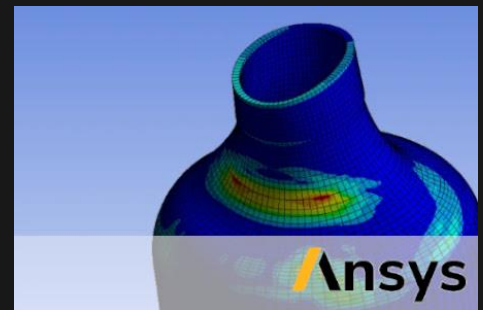
[virtual]

## HIGH PERFORMANCE ENGINEERING SOLUTIONS 2021

28<sup>th</sup> September – 1<sup>st</sup> October

### Ansys Mechanical Implicit

30 settembre 2021



#### Agenda

<b>10:00 - 18:00</b>	<p>Ansyes Mechanical Overview</p> <p>ANSYS Mechanical basics Workshop - Various local and global mesh controls to enhance the mesh Workshop - Linear structural analysis of an assembly</p> <p>Connections: contacts, joints, beams Workshop - Contact offset control. Contact Tool Workshop - Using joints to connect parts in an assembly. Object Generator</p> <p>Frequency dynamic analyses Workshop - Modal analysis. Basics of free vibration. Vibration with prestress Workshop - Random vibrations (PSD) analysis for a structure</p> <p>Nonlinear structural analyses Workshop - Use interface treatment tools to simulate an interference fit between surfaces Workshop - Frictional contact</p> <p>Multiple calculation scenarios and loading steps Workshop - Multiple analysis scenarios to explore structural responses of a bracket Workshop - Multistep analysis of a pipe clamp assembly</p>