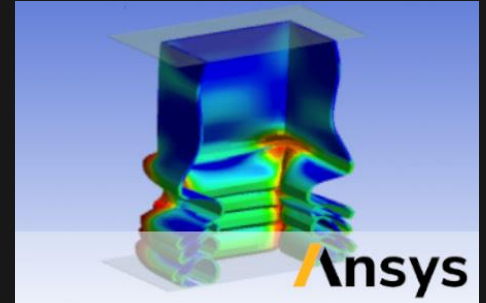


Ansys Explicit Dynamics

3 November 2020



Agenda

09:00 – 09:30	Welcome
09:30 - 12:30	<p>Ansys Explicit Dynamics Overview</p> <p>Impact simulation Workshop 01 – Impact simulation of a cylinder into a plate ("Taylor Test") Workshop 02 – Impact analysis of a projectile on a prestressed container</p> <p>Drop test analysis Workshop 03 – Drop test response of a reinforced concrete beam Workshop 04 – Drop test of a water-filled container onto a rigid surface</p>
12:30 – 13:00	Quick Lunch
13:00 – 17:00	<p>Crush analysis Workshop 05 – Crush analysis using mass scaling</p> <p>2D explicit analysis Workshop 06 - 2D axisymmetric impact analysis</p> <p>Smooth Particle Hydrodynamics (SPH) (Autodyn) Workshop 07 - Bird strike simulation</p> <p>Airbag simulation (Workbench LS-DYNA) Workshop 08 - Dynamic simulation of a airbag</p>