

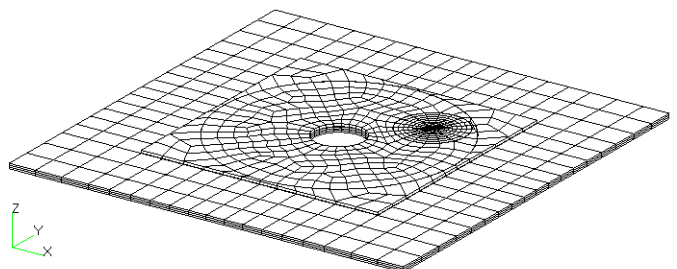


# Fatigue and Fracture Research Lab

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## Capabilities

- ✓ Computational Fracture Mechanics.
- ✓ Experimental Fracture Mechanics.
- ✓ Mechanical failure analysis.
- ✓ Applied Finite Element Analysis.
- ✓ Life estimation for engineering components and structures.
- ✓ Standard testing for mechanical properties of materials.
- ✓ Full scale testing for engineering components.



## Equipment

These facilities are available to students and researchers working in the Lab:

- ✓ Tensile testing machine.
- ✓ Creep testing machine.
- ✓ Torsion testing machine.
- ✓ Photoelasticity instruments.
- ✓ Computational facilities.



## International Links

- ✓ University of Bristol, UK.
- ✓ University of Padua, Italy.
- ✓ Politecnico di Milano, Italy

