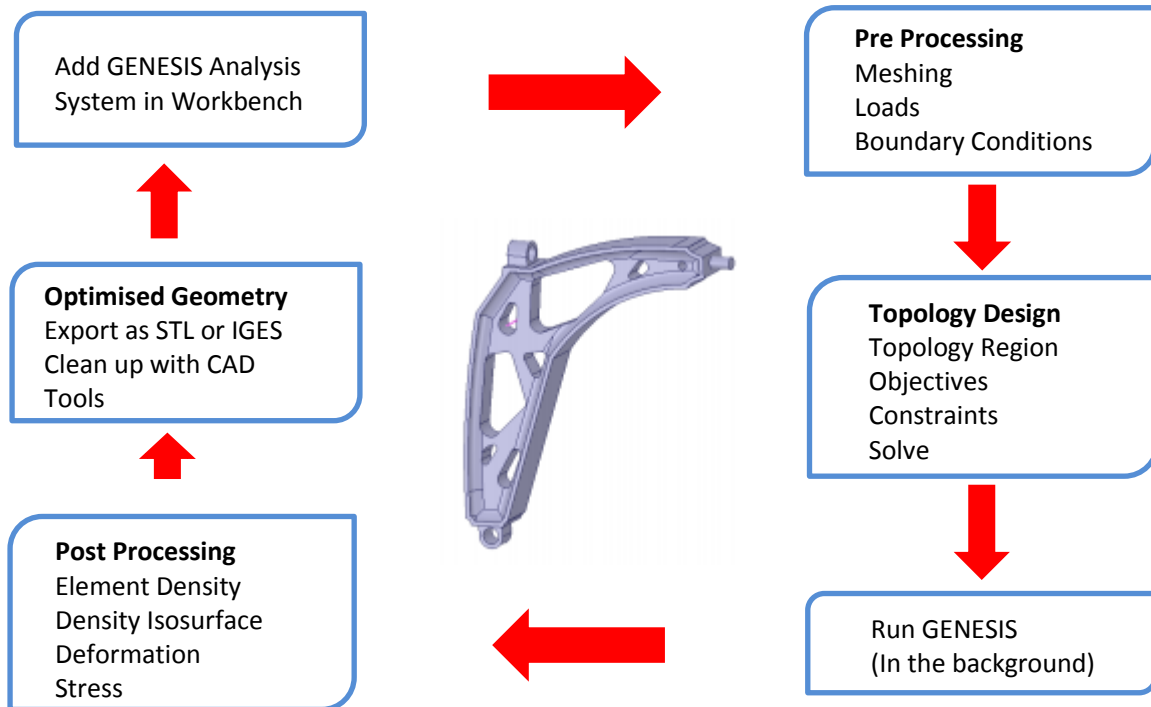


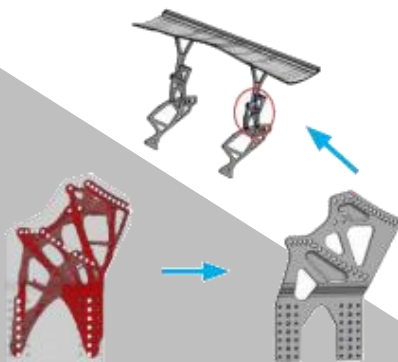
# GTAM

## GENESIS Topology for ANSYS Mechanical

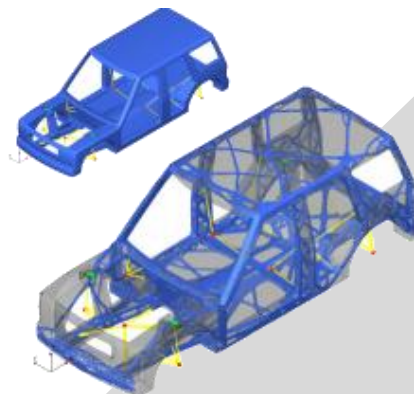
GENESIS Topology for ANSYS Mechanical (GTAM) is an integrated extension that adds topology optimisation to the ANSYS environment. Designers benefit by being able to automatically generate innovative designs in a reliable, robust and easy-to-use interface.



- Support multiple loading conditions and different analysis methods, including Static Structural, Modal, Linear Buckling, Harmonic, and Random Vibrations
- Several built-in responses for objectives and constraints such as strain energies, frequencies, mass, displacement etc.
- Several built-in manufacturing constraints for the designable region such as symmetries, casting, extrusion etc.



C6:R Tail Frame Assembly  
Courtesy of Pratt & Miller Engineering



Full Body Topology Optimization

