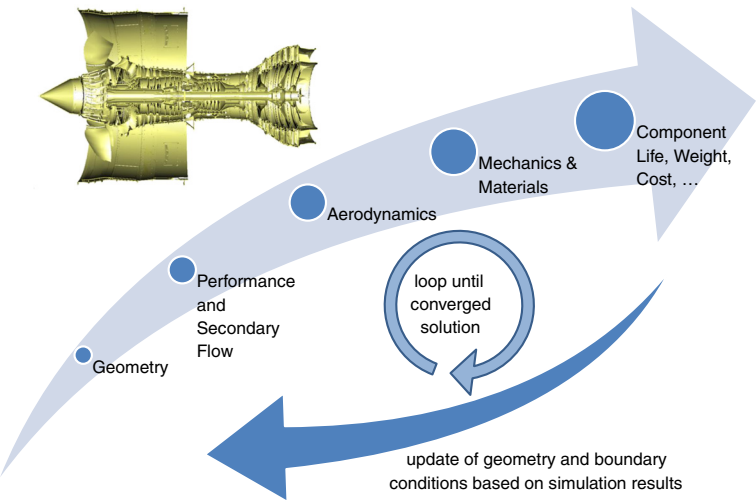
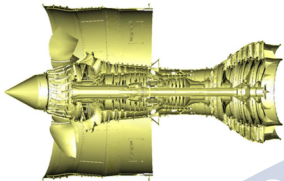




Geometry

Performance
and
Secondary
Flow

Aerodynamics

Mechanics &
Materials

Component
Life, Weight,
Cost, ...

loop until
converged
solution

update of geometry and boundary
conditions based on simulation results