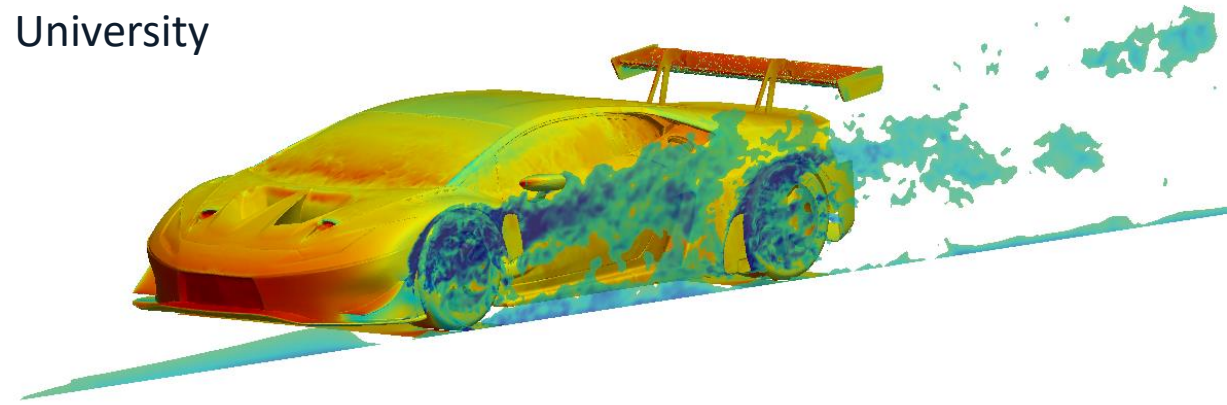


Aerodynamic profiling of a GT3 racing vehicle using both simulation and physical testing techniques as a platform for improving its aerodynamic performance

*Presented by* : Jode Fourie

Advanced Engineering Design Group

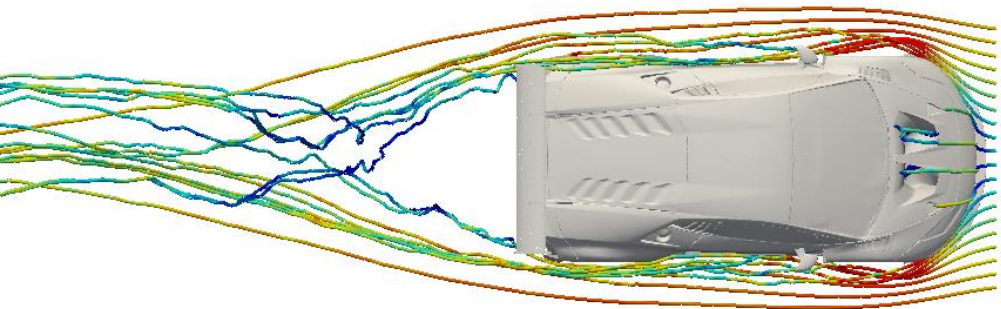
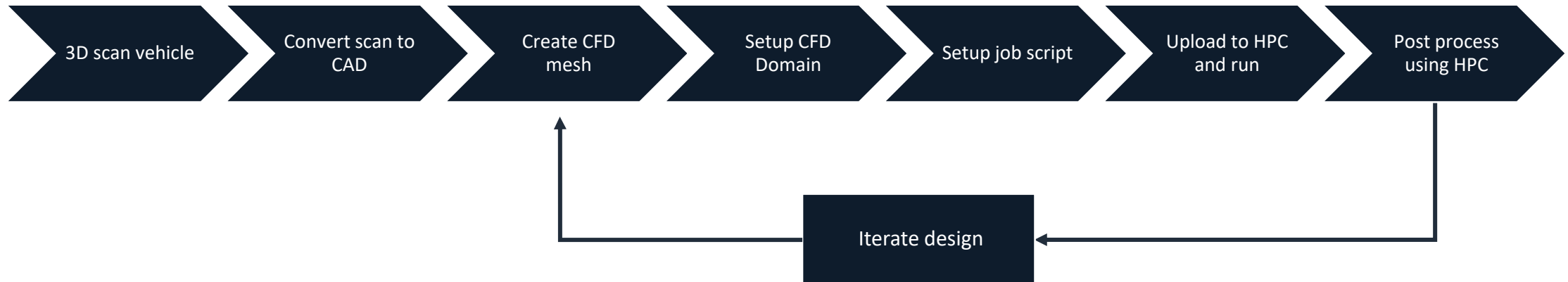
Nelson Mandela University



## Significance of Research

- CFD methods and aero testing are not taught at NMU
- Will open new opportunities for future projects
- Limited High-Performance Computing (HPC) experience and capability
- Improve understanding of practical application of LBM CFD
  - Promote private sector collaboration in CFD usage







Cz over x coordinates for various configurations

