

# ALTAIR RADIOSS™ PORTING ON ARM

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## • Development platform

- Marvell ThunderX2
  - 2x28 cores @ 2,2GHz
  - 256 GB DDR4@2666MHz
- Programming environment
  - Armflang 18.4.2
  - OpenMPI 3.0.0



arm



Hewlett Packard  
Enterprise

## • Catalyst UK Cluster

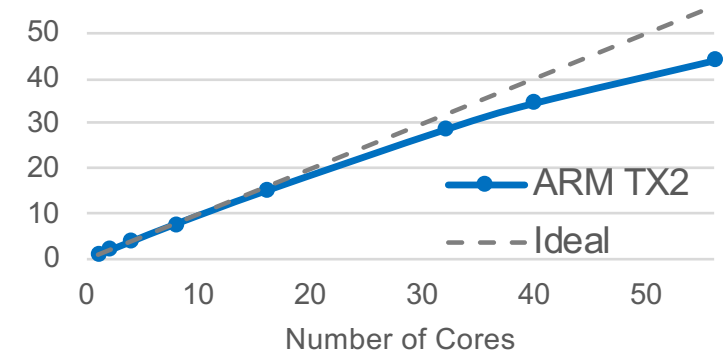
- HPE Apollo 70 servers
- 64 nodes with 64 ThunderX2 ARM v8 cores
- Mellanox EDR Infiniband
- Altair PBS Professional™



## • Radioss Successful POC

- One of the first CAE industrial application on ARM
- Very good parallel efficiency on single node
- Proven scalability on multi nodes cluster
- Ready for customer benchmarks

### Radioss Single Node Speedup



### Radioss Multi Nodes Speedup

