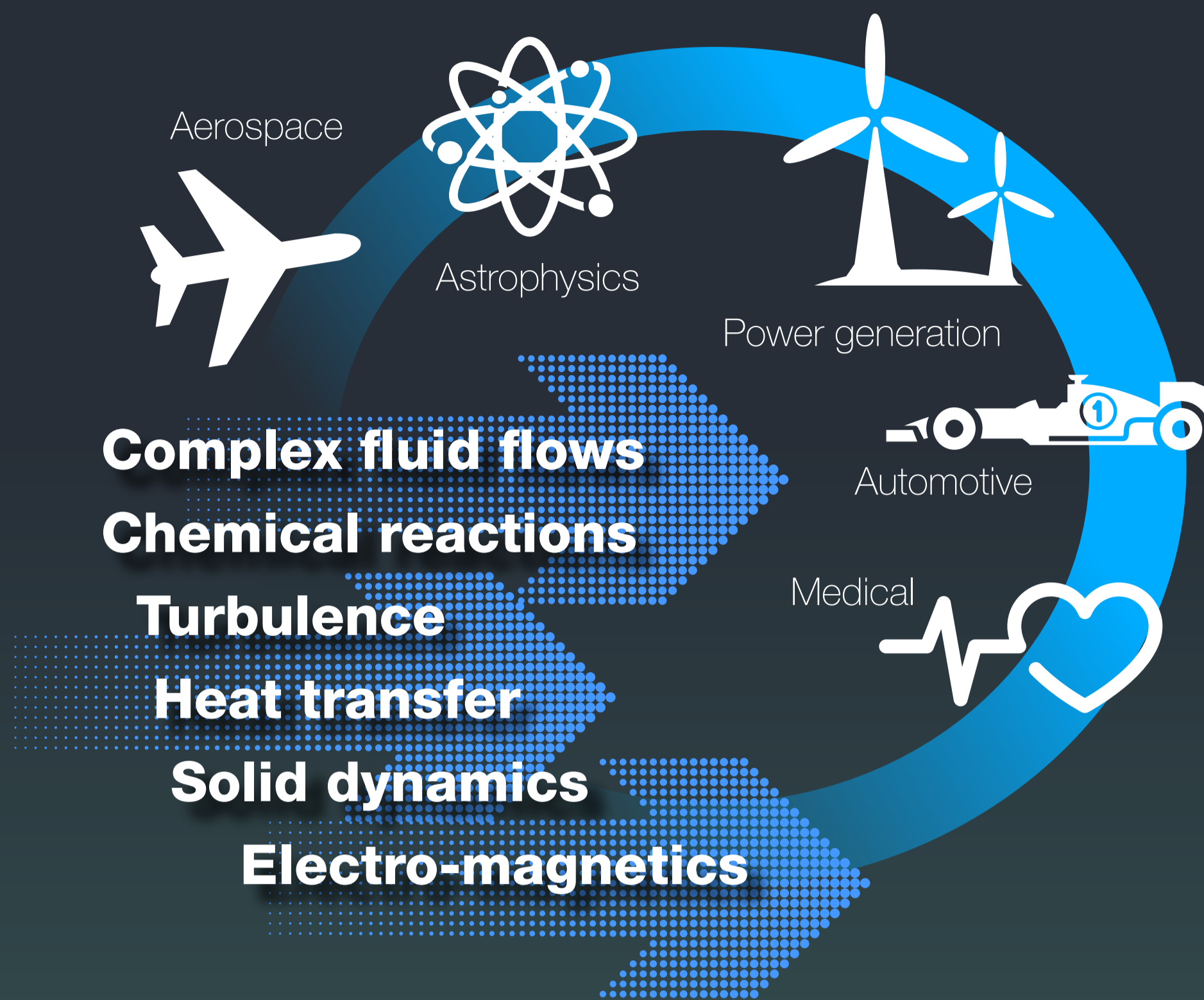


# Computational fluid dynamics just got faster

Computational fluid dynamics enables advancement in engineering, manufacturing and science. OpenFOAM® computational fluid dynamic simulations are a powerful tool for advancement in a wide range of engineering and scientific disciplines looking to evolve, improve and outperform competitors.



Calculating the millions of data points involved in simulating reality at high resolution consumes vast amounts of computation time which can cause bottlenecks.

## Supercharge your computational fluid dynamics

IBM Power Systems are designed for big data and ensure the performance of CFD simulations using OpenFOAM® are optimised.

# Faster

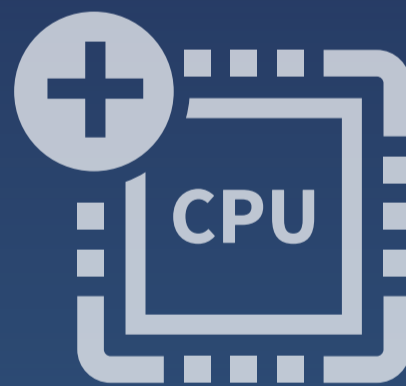
modelling and analysis  
of results

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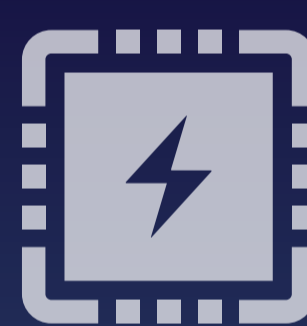
High application performance



Increased workload density



Enables GPU acceleration



Greater processing power



Modular design for scalability

giving you the competitive edge



**Efficiency gains**  
running more simulations



**Faster time to market**  
decrease the time it takes to run a simulation



**Less resource intensive**  
faster processing saves time and costs

OCF, a premier IBM Business Partner, is the only high performance computing solution specialist optimising OpenFOAM® performance on POWER8 systems. CRN recently ranked OCF 4th in the UK among suppliers to the education sector.



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