

# HPC@FLC

HPC@FLC has been created to cater for students who have a deeper interest in computer technology and computer science. HPC stands for High-Performance Computing. Popularly called 'supercomputing'.

HPC involves very high-powered computers and parallel programming techniques to process, analyse and visualise big data. HPC and big data are used in modelling and simulation in engineering, weather analysis and prediction, medical research, cosmology and anywhere very large sets of data need to be processed.

HPC@FLC is a collaborative initiative between Faith Lutheran College, Redlands, the Queensland

## Faith Lutheran College, Redlands

Academy for Science, Mathematics and Technology (QASMT), the John Monash Science School (JMSS) and the University of Queensland's Research Computing Centre (UQ RCC).

Two aspiring computer science students from Faith, Travis Jacob and Harrison Cook have the opportunity to attend this year's International conference for High-Powered Computing in Austin Texas.

If you would like to know more about the HPC program, please contact the College on 3820 5500 or [Stephen.Blair@flcr.qld.edu.au](mailto:Stephen.Blair@flcr.qld.edu.au)



Travis Jacob and Harrison Cook in High-Performance Computing