



THE ORDER OF AUSTRALIA ASSOCIATION QUEENSLAND BRANCH

Wednesday 27 November 2019

Tour of The University of Queensland (UQ) Hypersonics Centre followed by
Vietnamese style Fellowship Lunch at UQ's Lakeside Café

Pictorial Highlights



Members listen intently to the Presentation by Professors Richard Morgan and David Mee and get to know all about hypersonics before embarking on tours of the facilities.



Members on one of the tours listen with interest as Professor David Morgan (far left) explains the workings of the X3 Expansion Tunnel



Members examining the X3 Expansion Tunnel



Members examining a scramjet engine at the T4 StalkerTube.

ABOUT THE UQ HYPERSONICS CENTRE

Hypersonic aerodynamics has been a major research activity at The University of Queensland for over 20 years. The researchers in the centre have been involved in collaborative research programs with about 20 universities and research organisations around the world. The Centre conducts research into all aspects of hypersonic flight, including test facilities, air-breathing engines, rocket flight testing, aerothermodynamics, computational fluid dynamics and optical diagnostics.



After the Presentation and the Facility tours it's time for a nice fellowship lunch Vietnamese style at the UQ lakeside Café

PROGRAMME FOR OUR VISIT

Our visit was hosted by Professor Richard Morgan, the Director of the Centre and Professor David Mee and included a comprehensive presentation about the Centre and its research work. Tours were also arranged of the T4 scramjet test Laboratory to tour the T4 Shock Tunnel where more than 6000 scramjet experiments have been conducted and the Expansion Tube Laboratory to see the X2 and X3 facilities that can re-create conditions during the entry of probes into the atmosphere of the earth or other planets such as Mars.