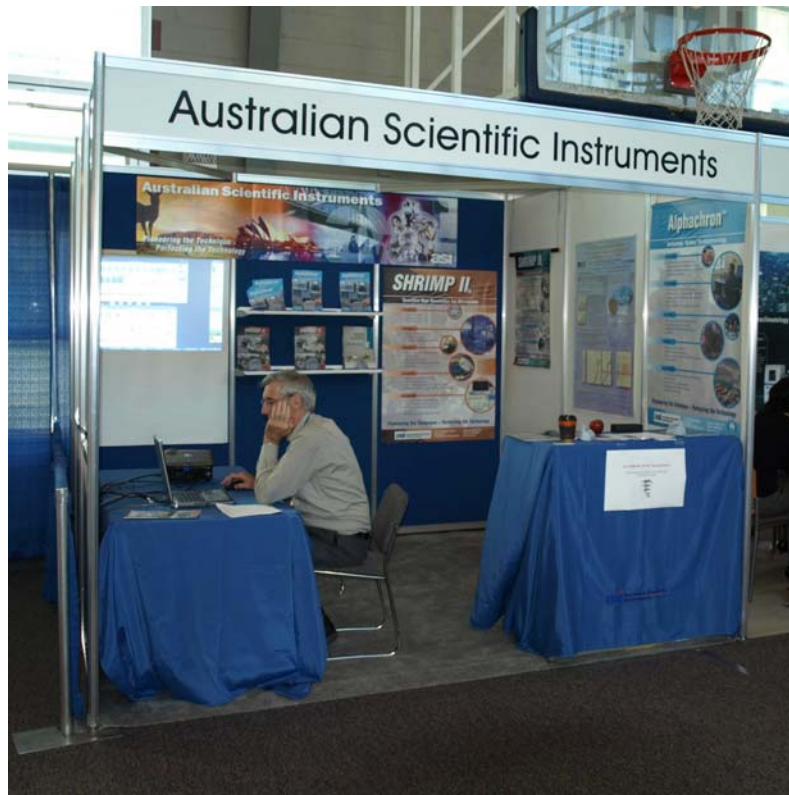


## Remote Operation of SHRIMP IIe/MC at Goldschmidt 08

July 24, 2008

ASI again demonstrated the reliability and versatility of the SHRIMP IIe at the recent Goldschmidt 08 conference in Vancouver, Canada. The SHRIMP IIe with multi-collector was located in ASI's factory in Canberra, Australia, and operated via a web interface to Canada. A mount with 400 Jack Hills zircons was loaded in the machine, and conference attendees were invited to drive the SHRIMP for themselves.

The age of the zircons was determined in real time, though lead ratio dating with common lead correction. This method is used at the ANU to automatically survey 400 zircons per night, to find those older than 4 billion years. Each age determination takes less than a minute, and the SHRIMP can be programmed to operate automatically. Automated operation is used regularly on the ANU, Geoscience Australia and Tokyo (NIPR) SHRIMPs.



Dr Ian Williams (ANU/ASI) using the SHRIMP IIe/MC in Canberra, from the Goldschmidt 08 conference in Vancouver. The user screen is projected behind him.