



## **Dr. Jose Sergio Almeida**

INPE

Dr Jose Sergio joined Brazil's National Institute for Space Research - INPE in 1982 just after receiving his BSc degree in Mechanical Engineering from the University of Sao Paulo to help building the Integration and Testing Laboratory, the Brazilian complex for the qualification of satellites. From 1996 to 2000 he studied in England doing research on thermal radiation modeling and measurements inside space vehicles.

At INPE, as the manager of the Space Simulation Laboratory, he was in charge of many thermal vacuum tests of spacecraft.

He is also involved with the Brazilian microgravity program and in 2006 he was the manager for the qualification campaign of eight scientific experiments sent to the ISS, including the task of training the first Brazilian astronaut for the operation of the experiments.

In 2010 he was the coordinator of the 9-month environmental testing campaign of the Aquarius/SAC-D satellite, a program involving NASA and Argentina, including EMI/EMC tests, Alignment, Mass Properties, Vibration/Acoustics Tests and Thermal-Vacuum tests.