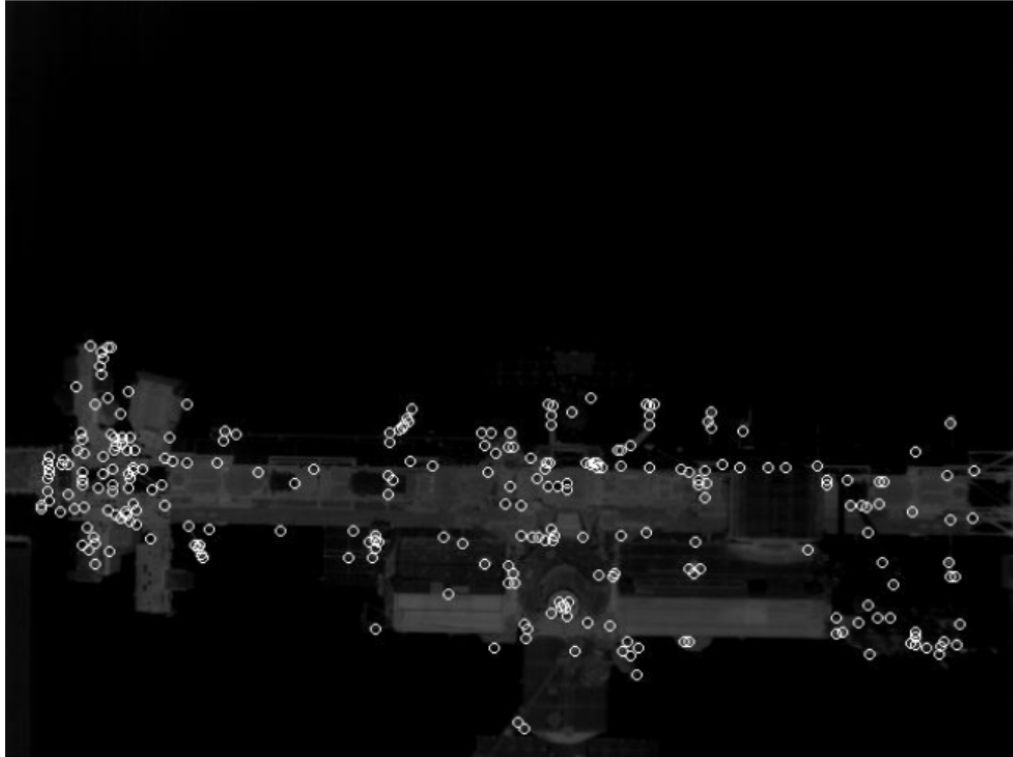


XIPHOS DEMONSTRATES HYBRID PROCESSING OF FEATURE TRACKING ALGORITHM ON Q7

Xiphos has demonstrated hybrid (CPU + logic) processing on the Q7 using a popular computer vision algorithm for detecting and tracking features in digital images. Tests were conducted with a range of images/scenarios, including imagery generated from a thermal LWIR camera onboard the Space Shuttle Atlantis during undock from the International Space Station.



In these tests, the Q7 demonstrated processing speeds equivalent to a high-end (3GHz) desktop PC. In an embedded context, the Q7 is approximately 20x faster than the same algorithm running on a PPC E805 (for example), while consuming 1/5 the power.

These tests are part of an ongoing logic and hybrid algorithm acceleration project funded by the Canadian Space Agency. Xiphos is validating a tool chain for hybrid processing (primarily based on commercially available tools), and testing the tool chain with sample algorithms of interest to the space community on the Q7 processor.

For more information on Xiphos, please visit www.xiphos.com.

For more information on the Q7, please see <http://www.xiphos.com/XTI-2001-2019-a%20Q7%20Spec%20Sheet.pdf>.