

SYMPOSIUM ON STEPPING STONES TO THE FUTURE: STRATEGIES, ARCHITECTURES,
CONCEPTS AND TECHNOLOGIES (D3)
Novel Concepts and Technologies for the Exploration and Utilization of Space (2)

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TURNING HEADS TOWARDS SPACE: BRINGING DIVERSE INTERESTS TOGETHER TO MEET
REQUIREMENTS OF SPACE

Abstract

The Canadian Space Agency partnered with the Office of the National Science Advisor to invite members from industry, academia and other government departments to a workshop on Prospective Health and Safety Applications for Converging Technologies (PACT) in Space and other Isolated, Confined and Extreme Environments (ICE). The objectives of the meeting were to identify areas where the Canadian science and technology community could contribute to space exploration and the use of space for Public Good, to provide a networking opportunity, and to identify potential partners in future space endeavours. The workshop participants identified drivers for space research in the areas of Economy, Environment, Demographics, Science and Technology and Social Issues. They mapped possible solutions under topic heading such as human needs, tools and system requirements. The outside-in view confirmed expectations based on our internal view but also added a refreshing perspective and stimulated new ideas.