

Opportunities for Low Temperature Research aboard the Space Station

U. E. Israelsson^a, R. Ruiz^a, M. C. Lee^b, and R. Reinker^c

^aJet Propulsion Laboratory, California Institute of Technology, CA 91109, USA

^bNASA Headquarters, Washington, DC

^cBall Aerospace and Technologies Corporation, Boulder, CO

A cryogenic Space Station facility is being developed by the Jet Propulsion Laboratory and industrial partners to support the **microgravity** needs of the international scientific community. The facility will be attached to the Japanese Experiments Module's Exposed Facility and will operate with a 6 month helium *cryogen* lifetime. Flights of the facility are planned at 2 year intervals starting in 2004 with each flight accommodating multiple scientific experiments. Capabilities, conceptual designs and development plans for the facility will be discussed along with a summary of potential near term flight candidate experiments.

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Contact Author:

Ulf Israelsson

Address:

Jet Propulsion Laboratory

Mailstop 79-3

4800 Oak Grove Drive,
Pasadena, Ca 91109-8099

USA

Fax: (818)393-6383

Phone: (818)354-9255

E-Mail: ulf.e.israelsson@jpl.nasa.gov