



Glenn Research Center



## COLLOIDAL INVESTIGATIONS

### COLLOIDAL GELATION (CGEL)

The COLLOIDAL GELATION (CGEL) glovebox investigation was operated aboard the Russian space station, Mir May–September 1997 and flew aboard shuttle *Discovery* on STS–95 (a.k.a. “The John Glenn Mission”).



Astronauts Chiaki Mukai and Pedro Duque are preparing to take photographs of the colloidal crystals on top of the glovebox during STS–95 ground training.

The CGEL investigations advance the study of colloidal crystals by providing more information about how colloidal crystals nucleate and grow, as well as providing information about the structure and physical properties of the colloidal crystal.