



Glenn Research Center

# Physics of Colloids in Space (PCS) Experiment

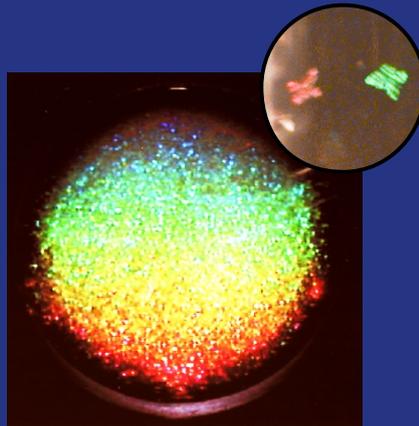
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Deputy Project Manager: Amy L. Jankovsky, NASA GRC

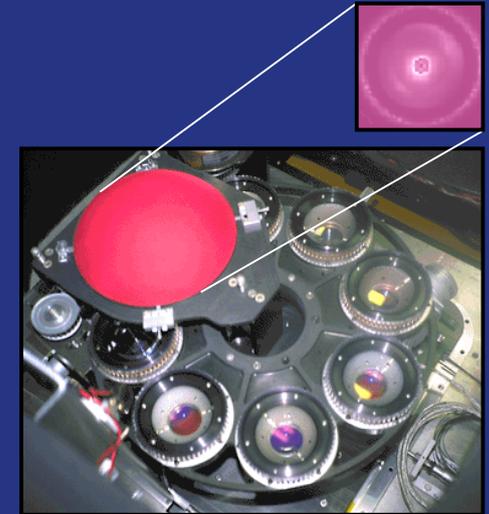
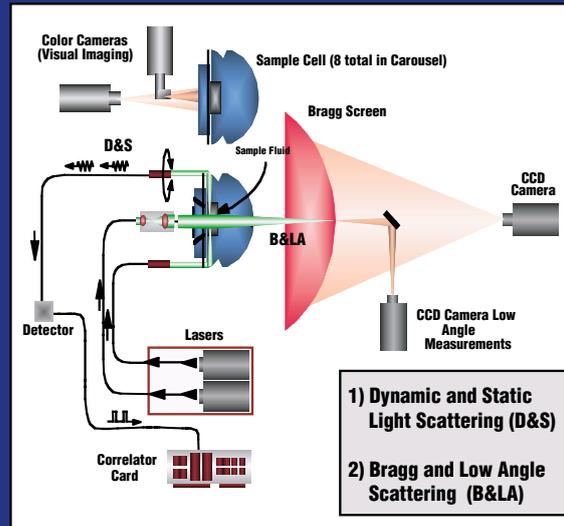


**Objective:** Conduct fundamental studies of colloid physics in microgravity; this includes formations of colloidal super lattices, large-scale fractal aggregates, and the study of physical properties and the dynamics of these formations.

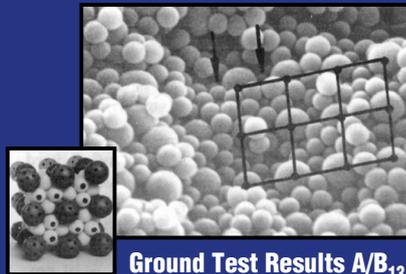
## PCS Science Capabilities



Scattering Images

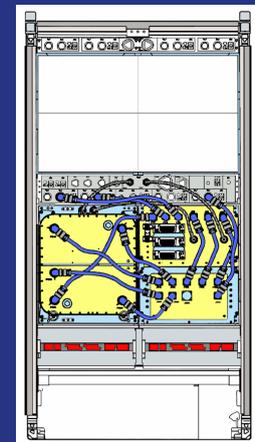
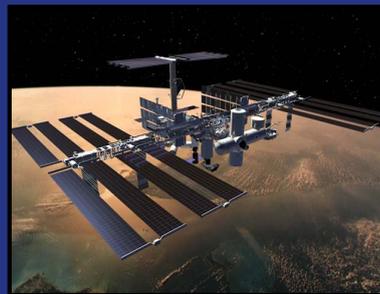


Carousel Cells



Ground Test Results A/B<sub>13</sub>

## ISS EXPRESS Rack Payload Operations: 6A to UF-2



EXPRESS Rack