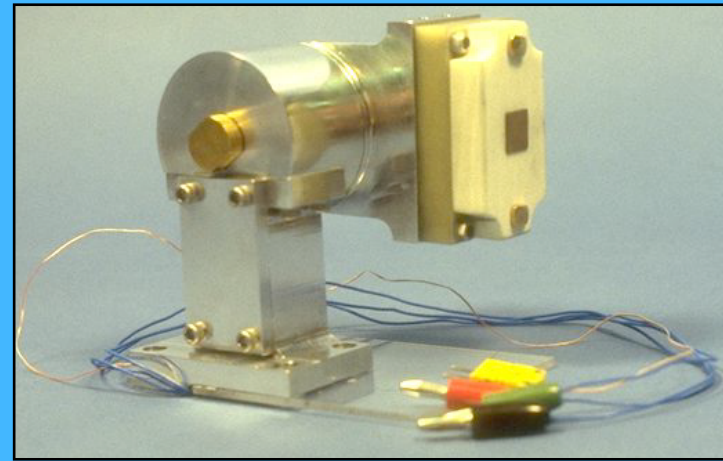
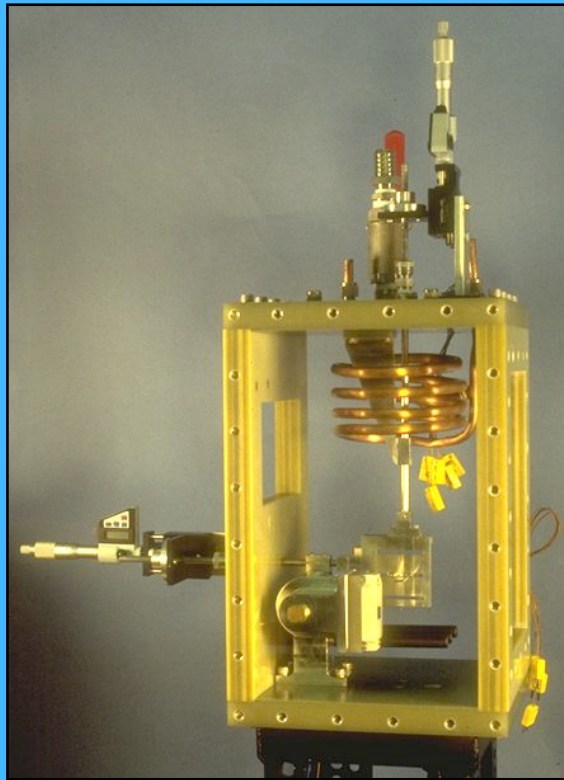
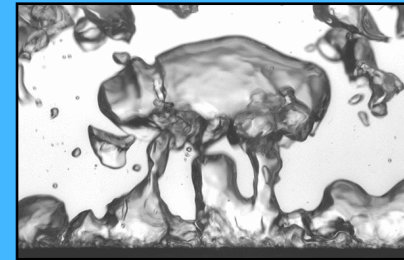
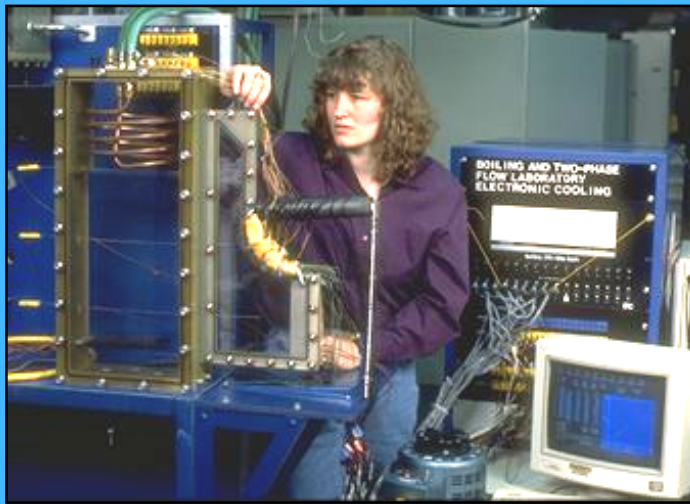


***Pool Boiling
Pressure Vessel***

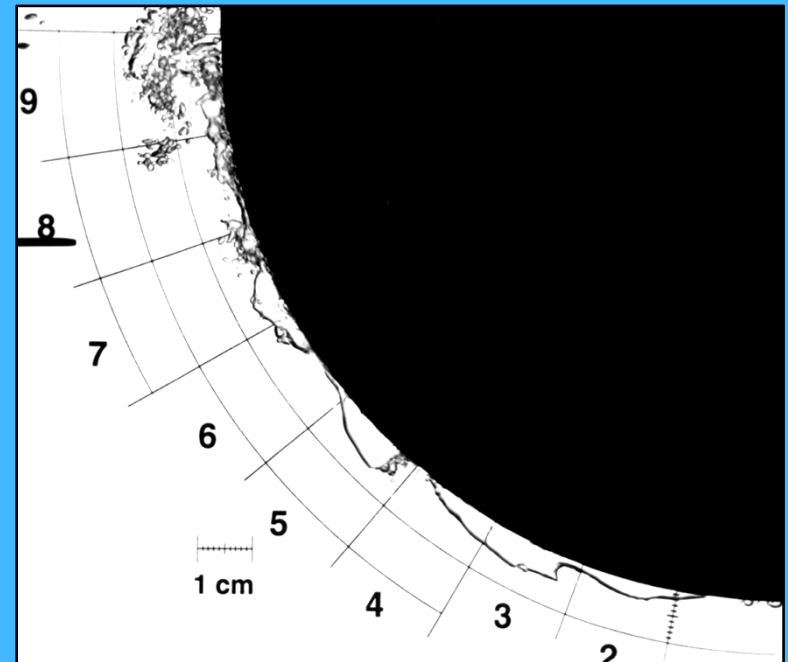


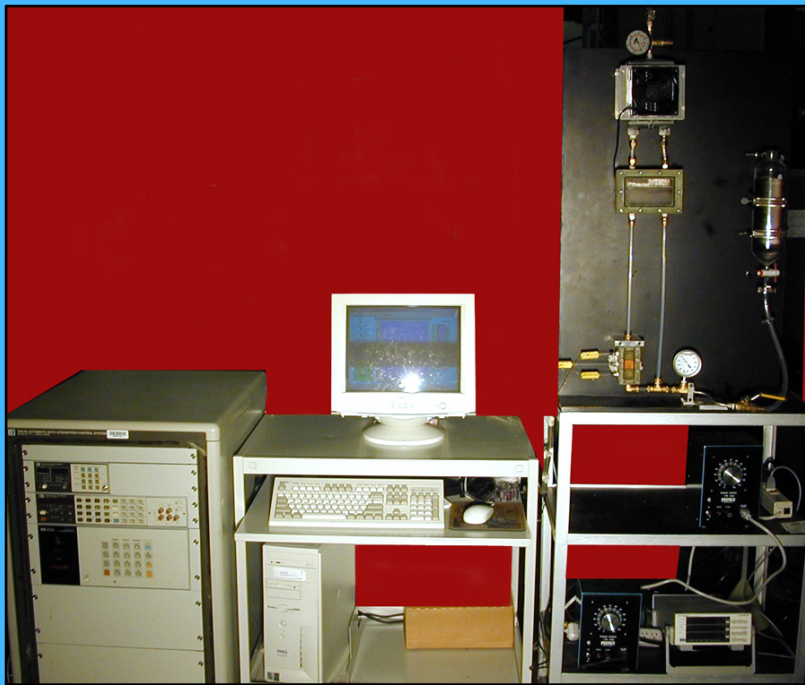
***Pool Boiling Test
Chamber***



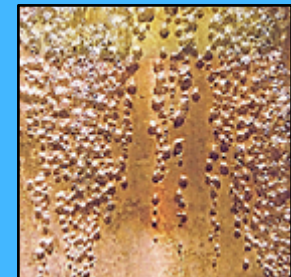
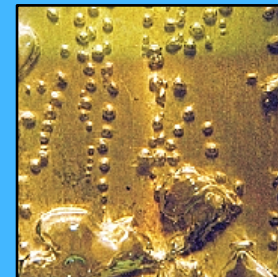
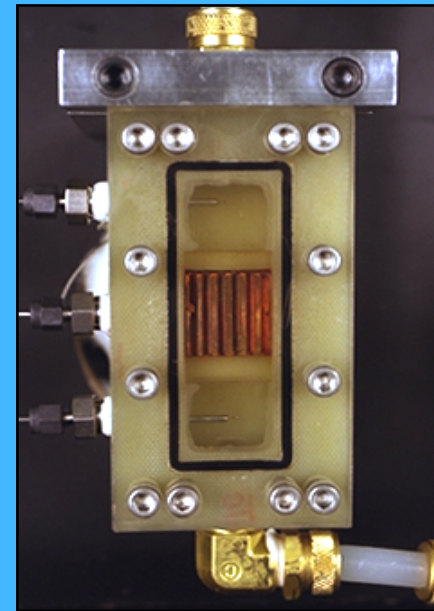


***Facility for Measurement of
Pool Boiling on Underside of
Heated Curved Wall***



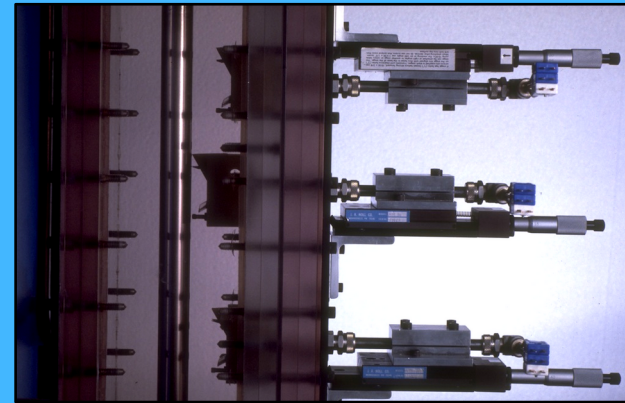


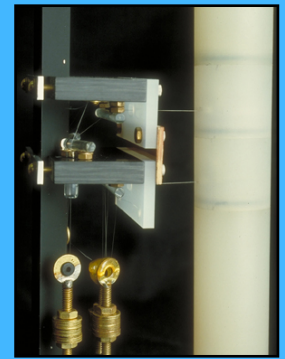
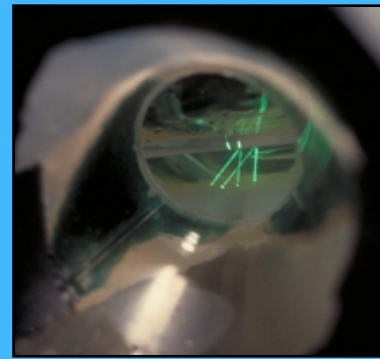
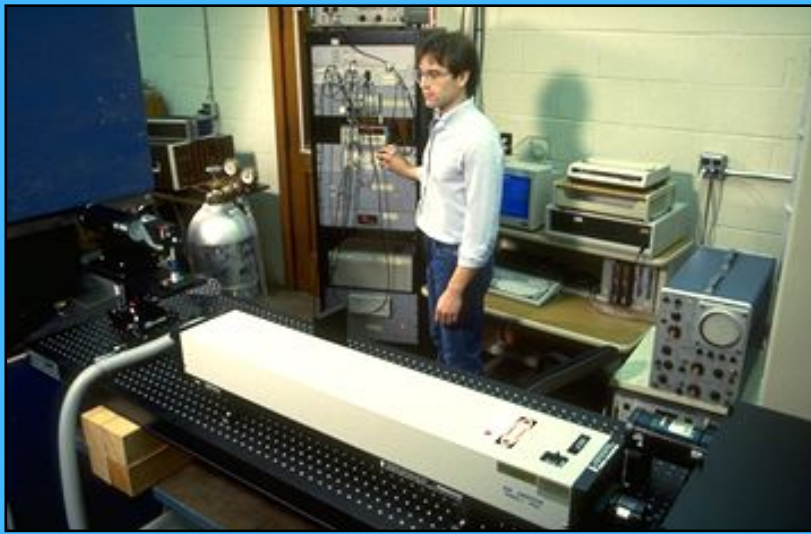
***Micro-channel Boiler
Pumpless Flow Loop***





***Falling Film Sensible &
Evaporative Heating Facility***

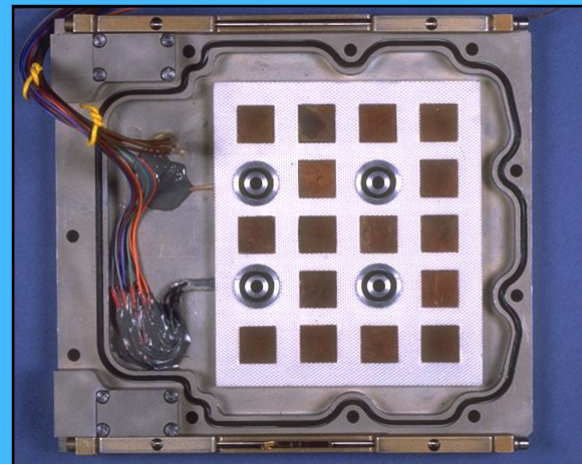
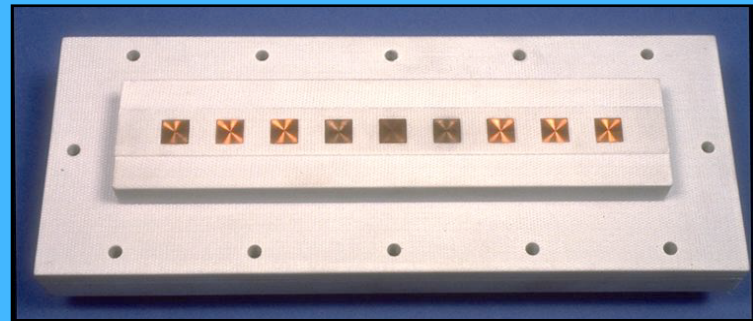
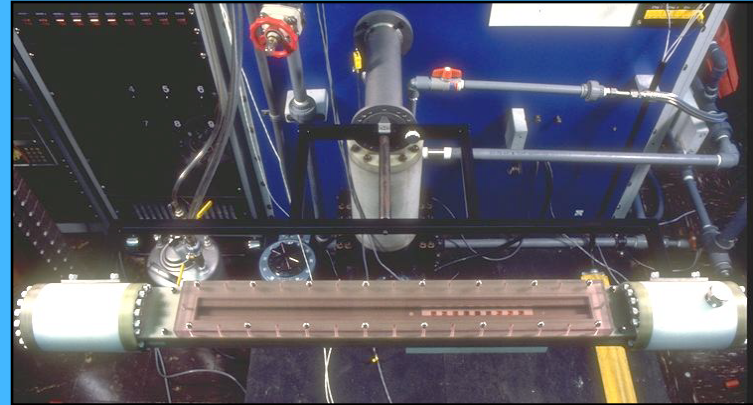


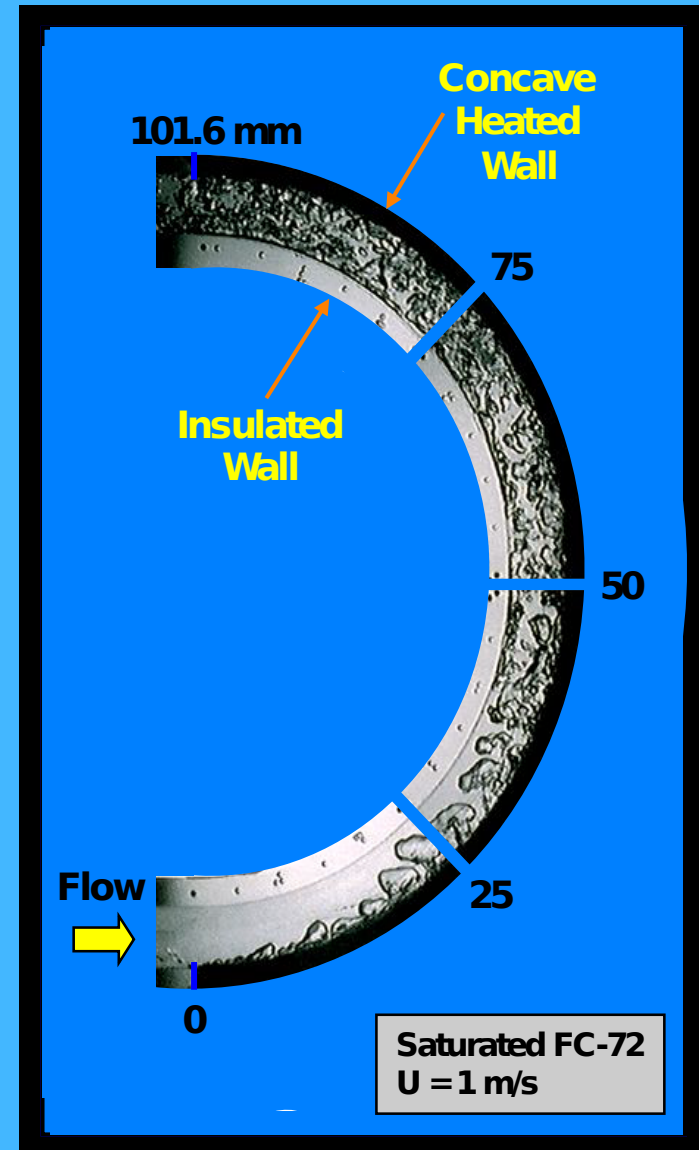
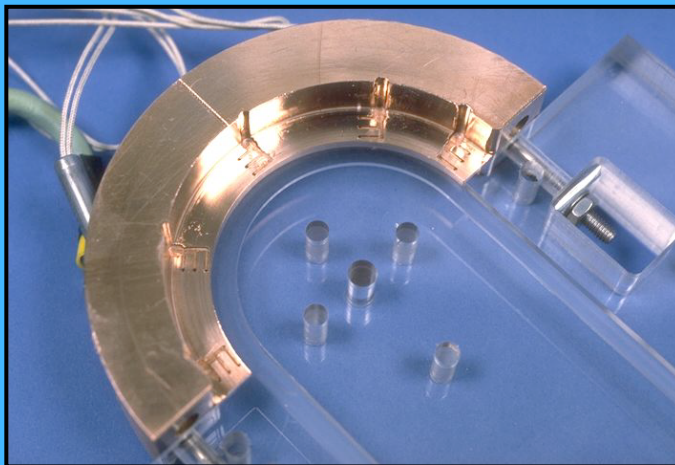
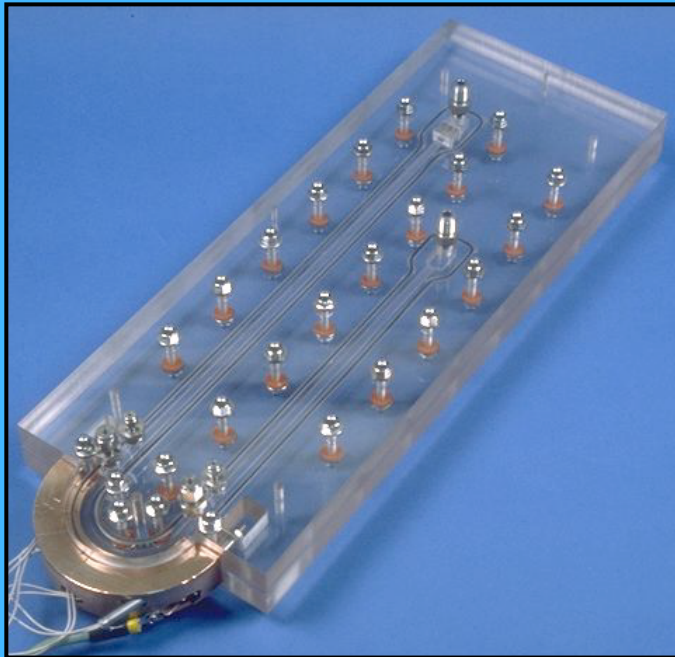


***Facility for Simultaneous Falling
Film Velocity & Film Thickness
Measurements using LDV &
Heated Wire Probes, Respectively***

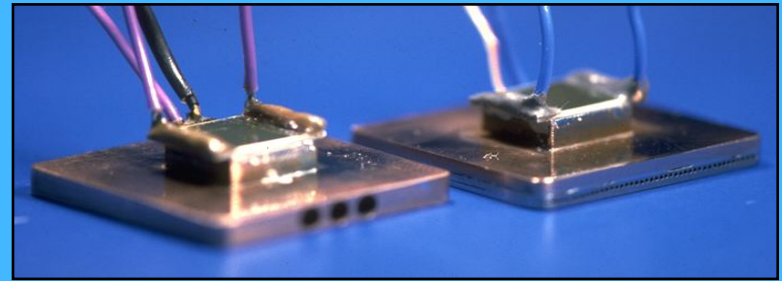


*High Capacity Flow boiling
Facility*

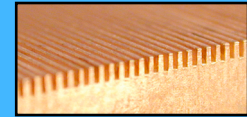
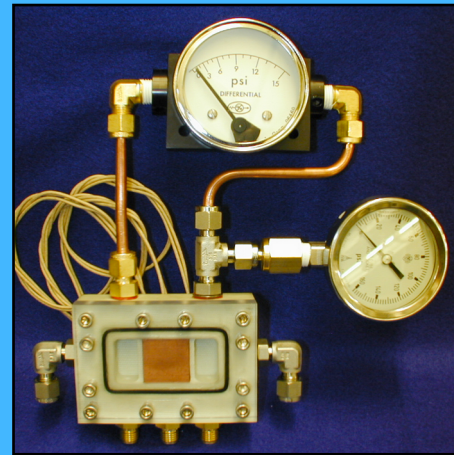
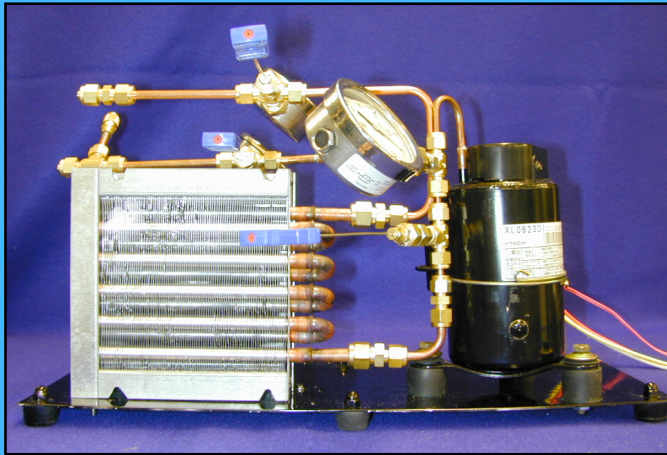




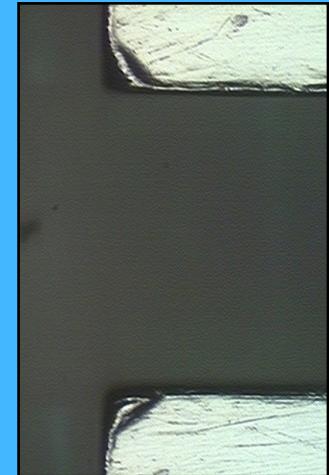
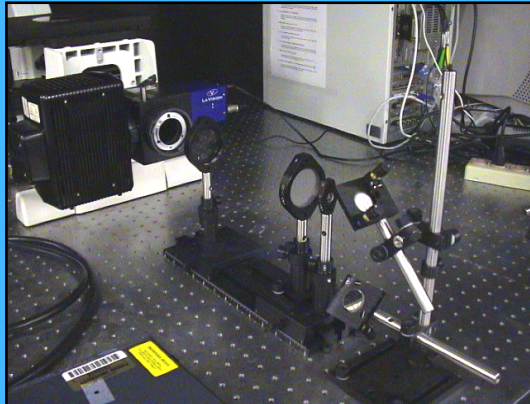
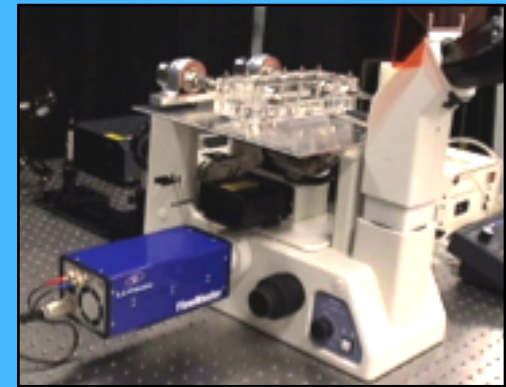
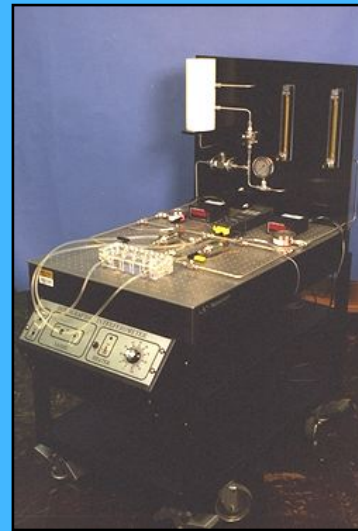
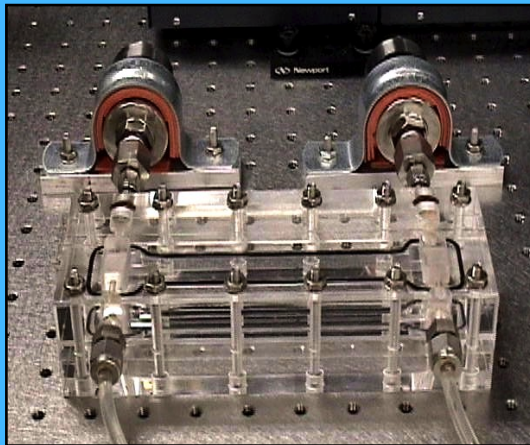
*Facility for Flow Boiling
Enhancement in Curved Channels*



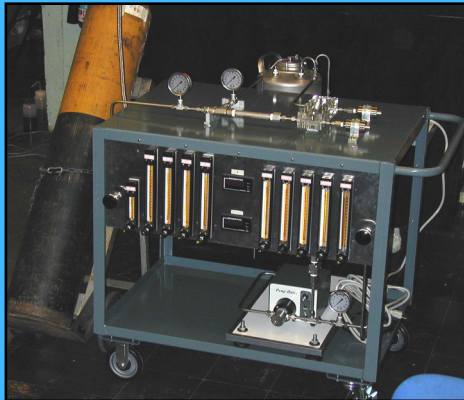
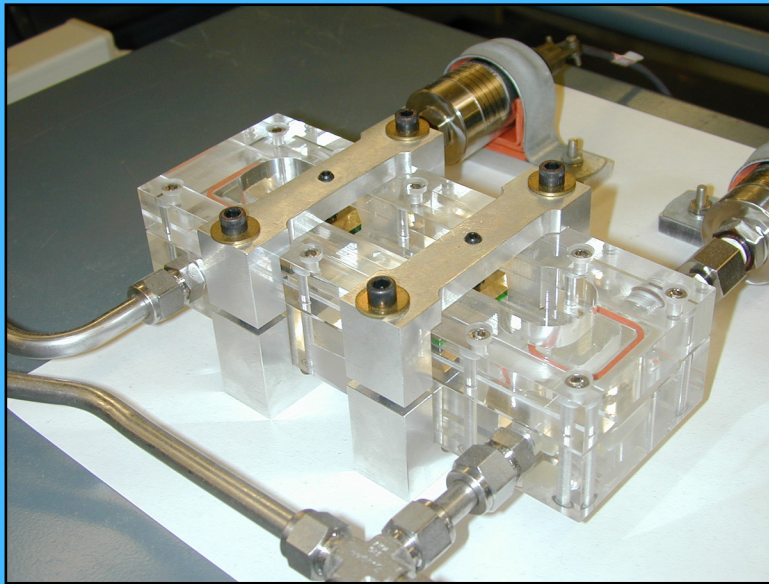
Micro-channel Cooling Loop



***Micro-channel
Vapor Compression Facility***



***Micro-channel Facility
for Micro-PIV
Measurements***



***Adiabatic
Micro-channel
Two-phase Flow
Patterns Facility***

Slug Flow



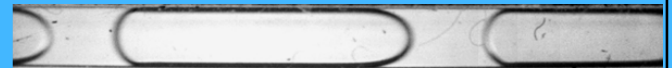
Annular Flow



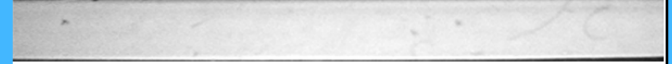
Bubbly/Slug Flow

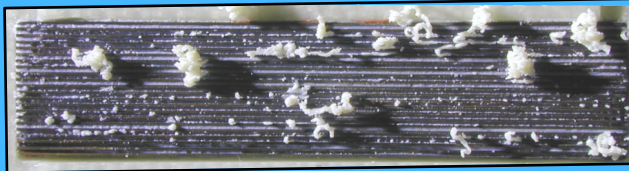


Liquid/Slug Flow

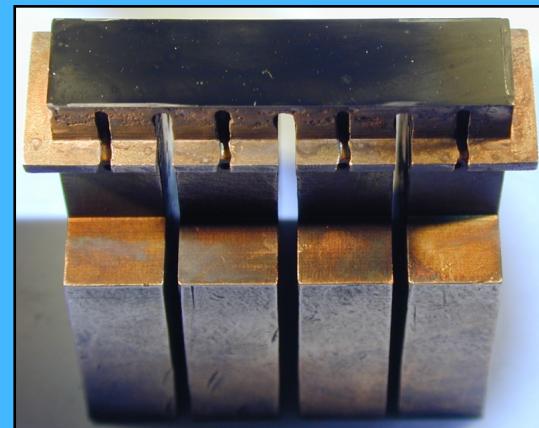
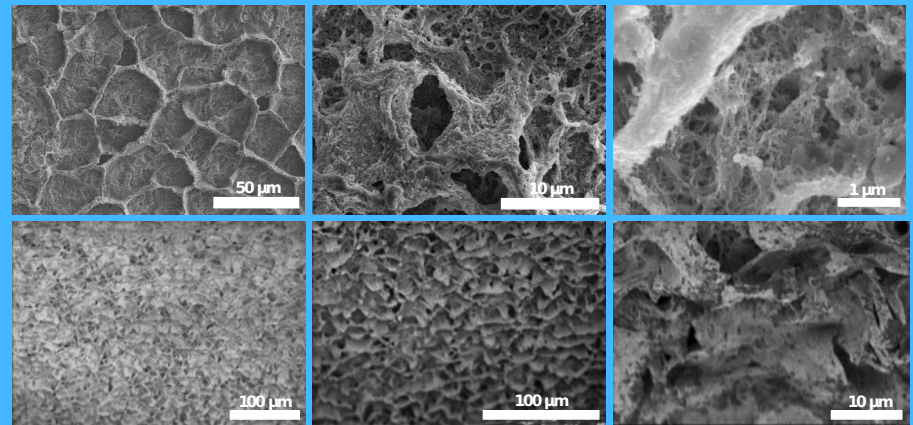


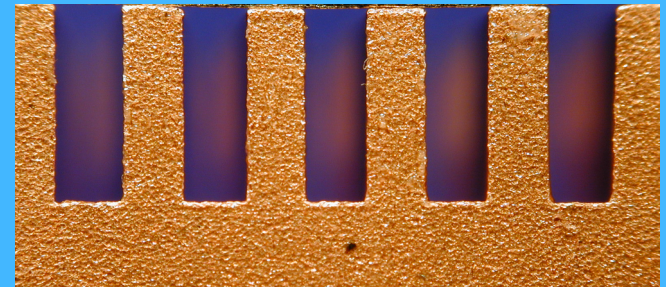
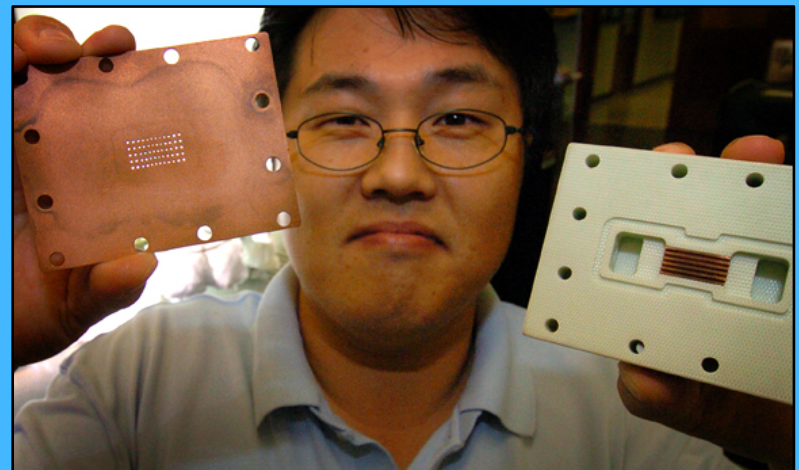
Liquid/Annular Flow



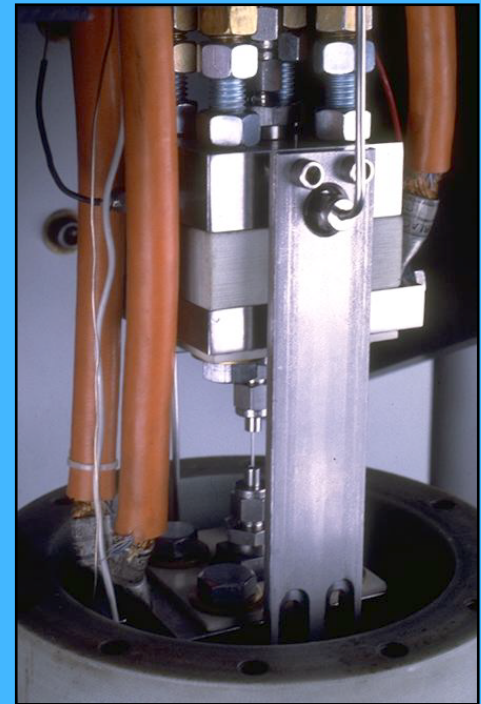
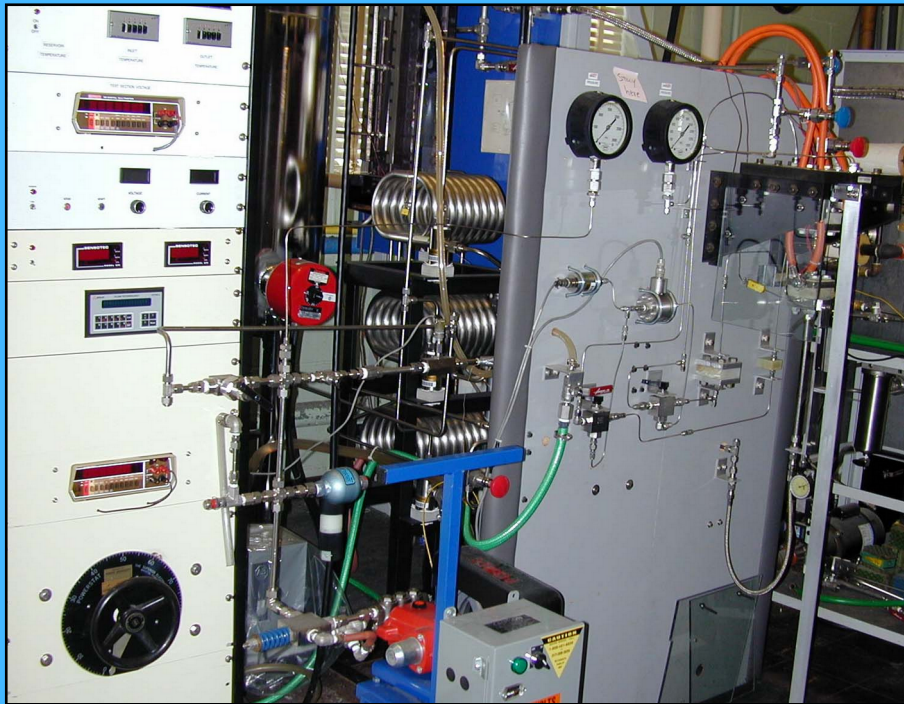


***Micro-channel Facility for
Nanofluid & Carbon
Nanotube Experiments***

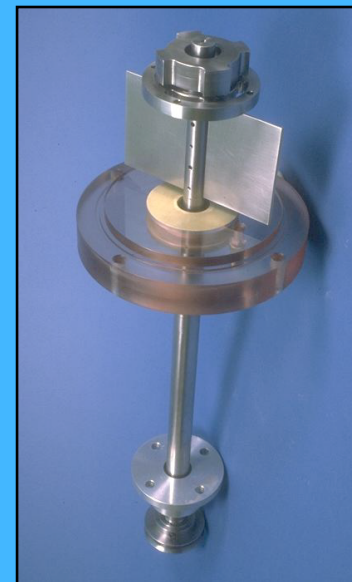
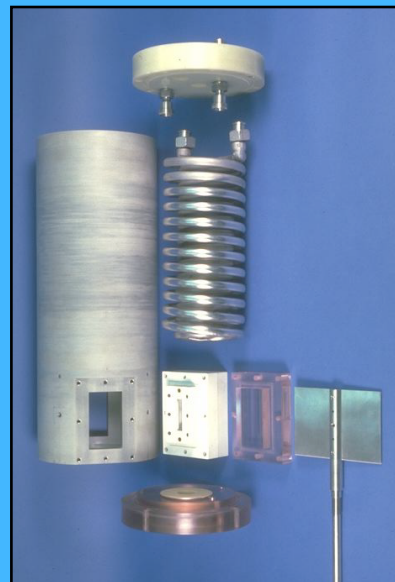




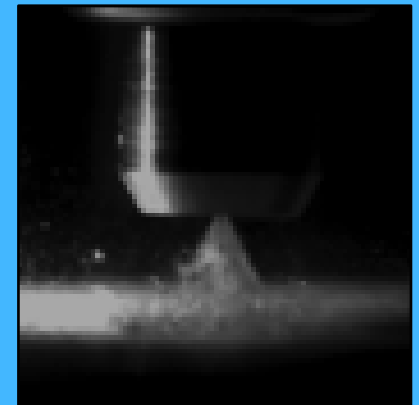
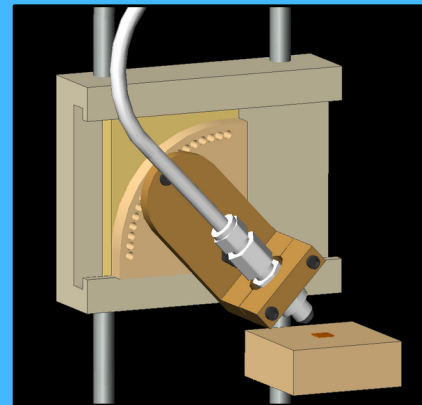
***Micro-channel & Hybrid Micro-channel/Jet Impingement
Low Temperature Refrigeration Facility***



Ultra High Heat Flux Facility



Rotating Stirrer Facility

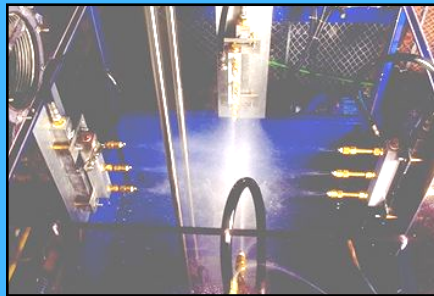


*Spray Orientation
Facility*

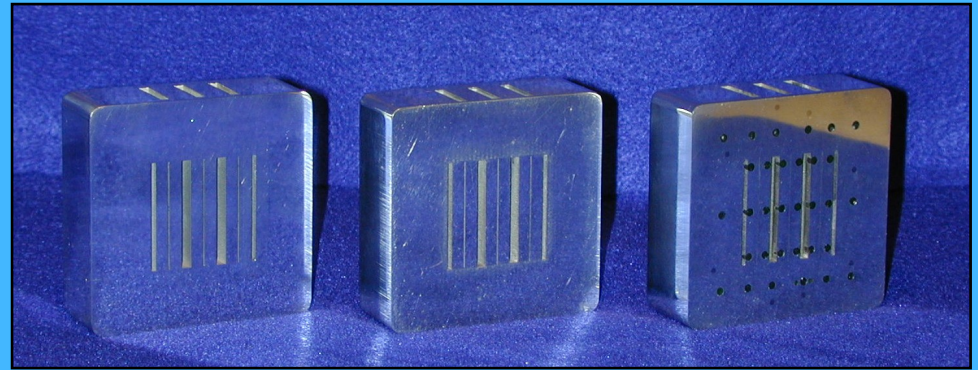




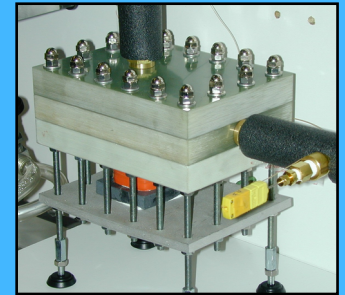
Spray Cooling Facility

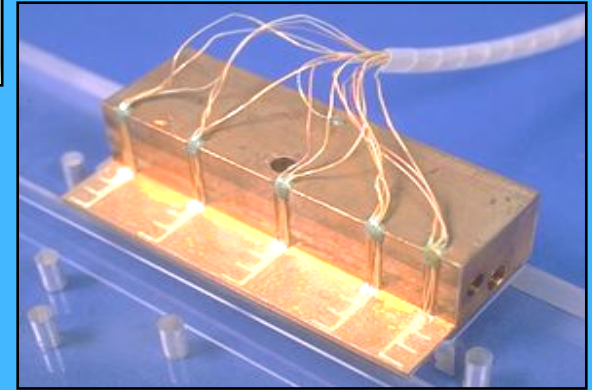
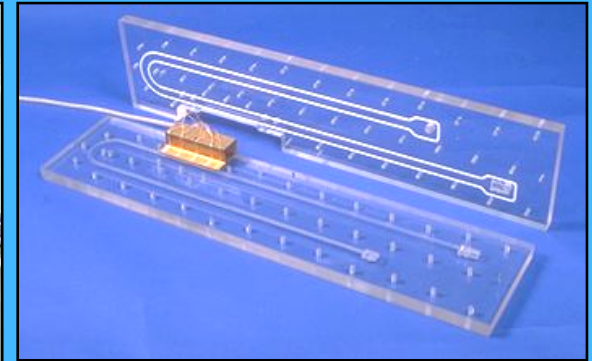
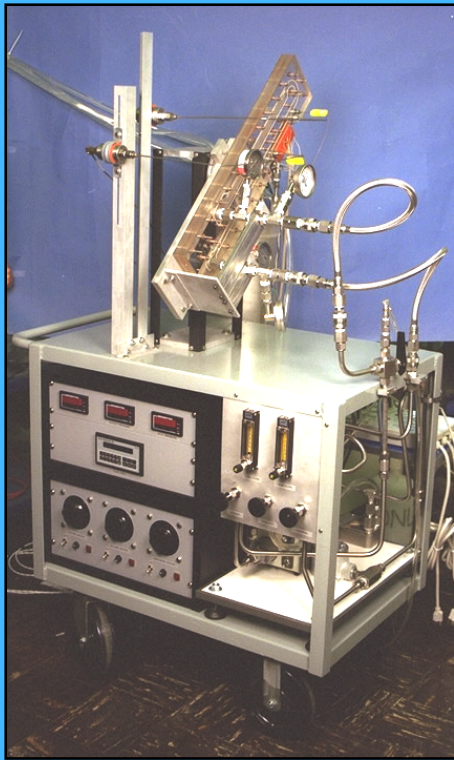


Spray Quenching Testbed

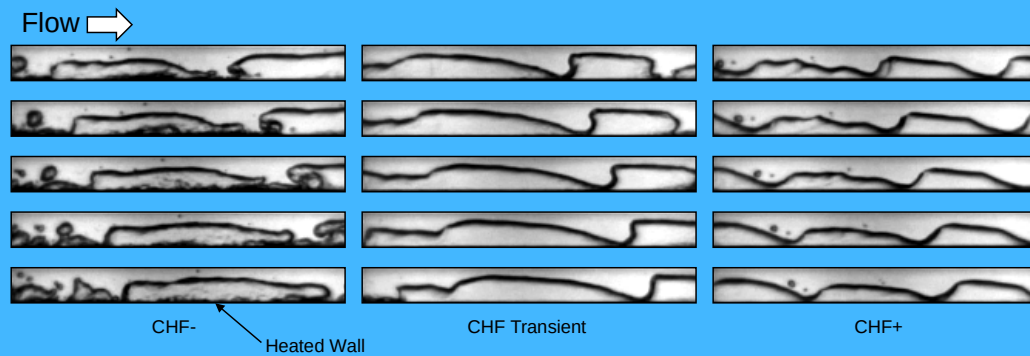
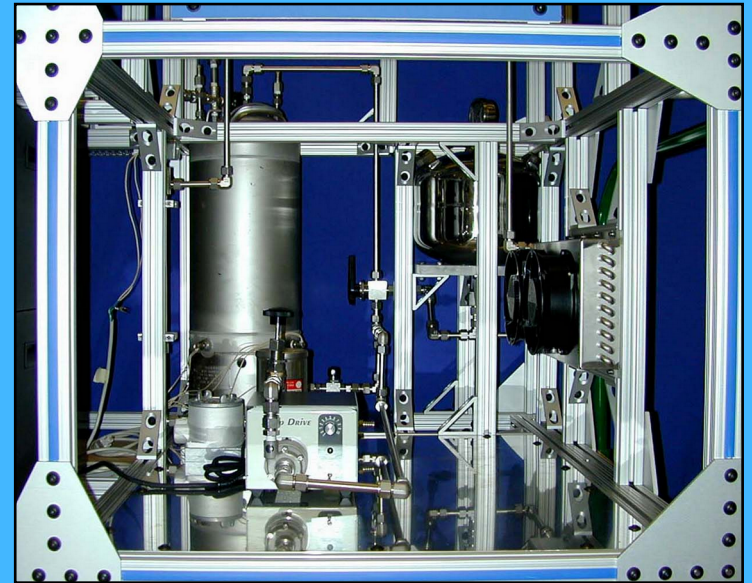
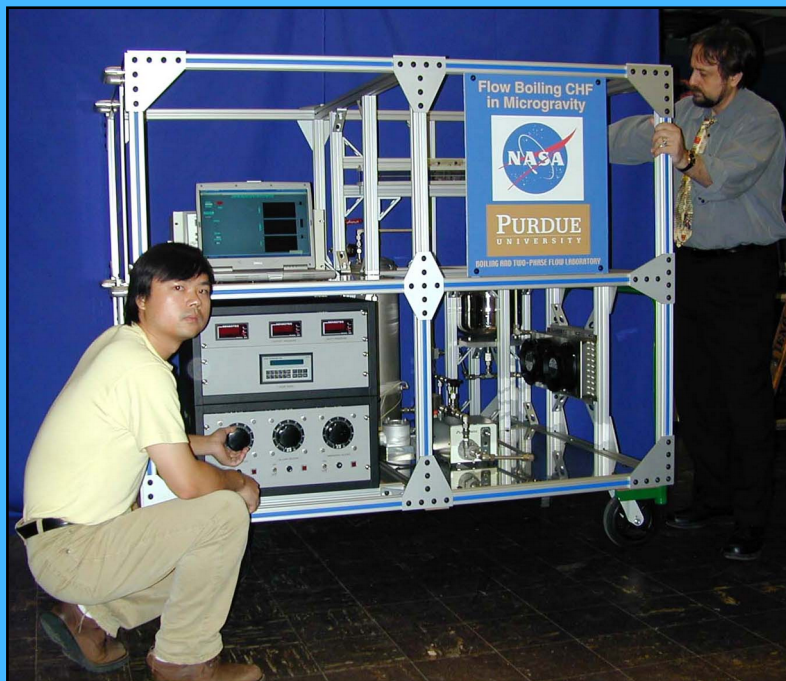


Jet-impingement Facility

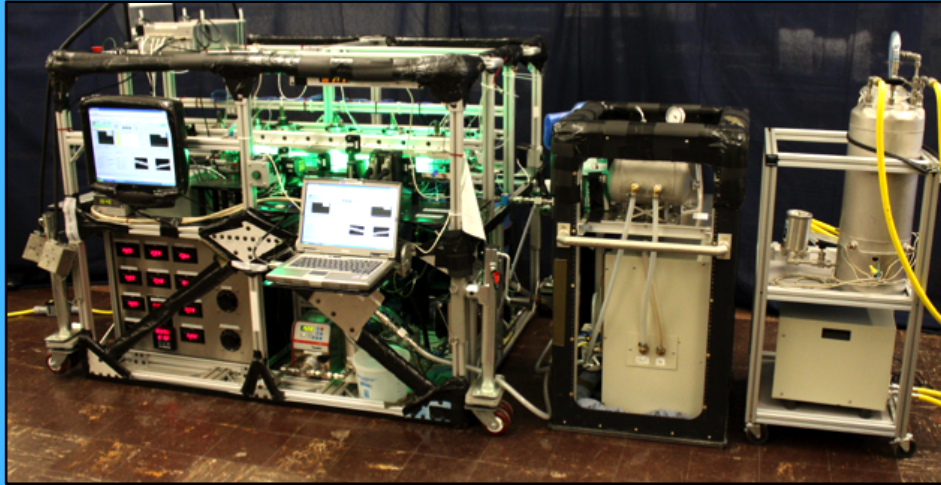




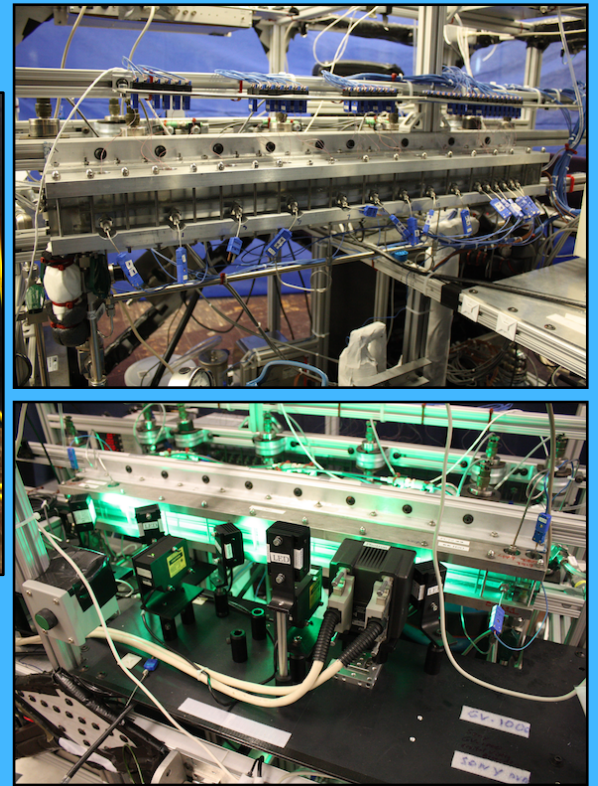
***Flow Boiling
Orientation Facility***

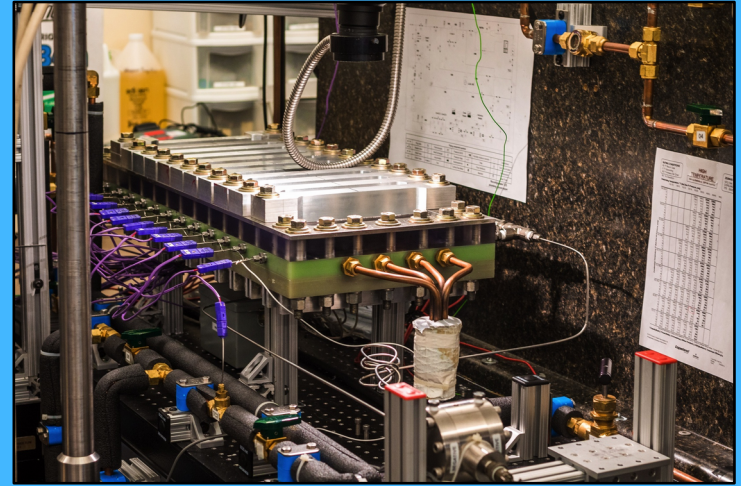


***Flow Boiling
Parabolic Flight Rig***

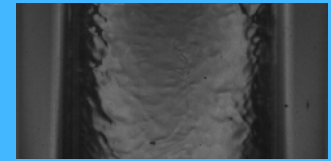
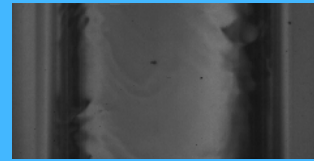
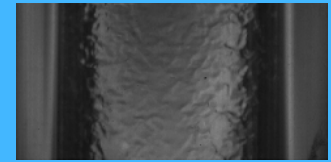
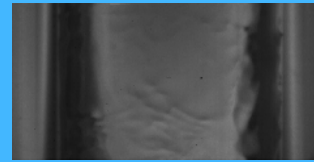
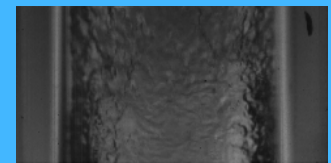
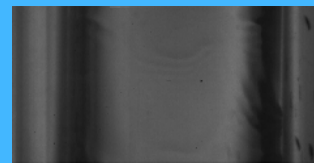
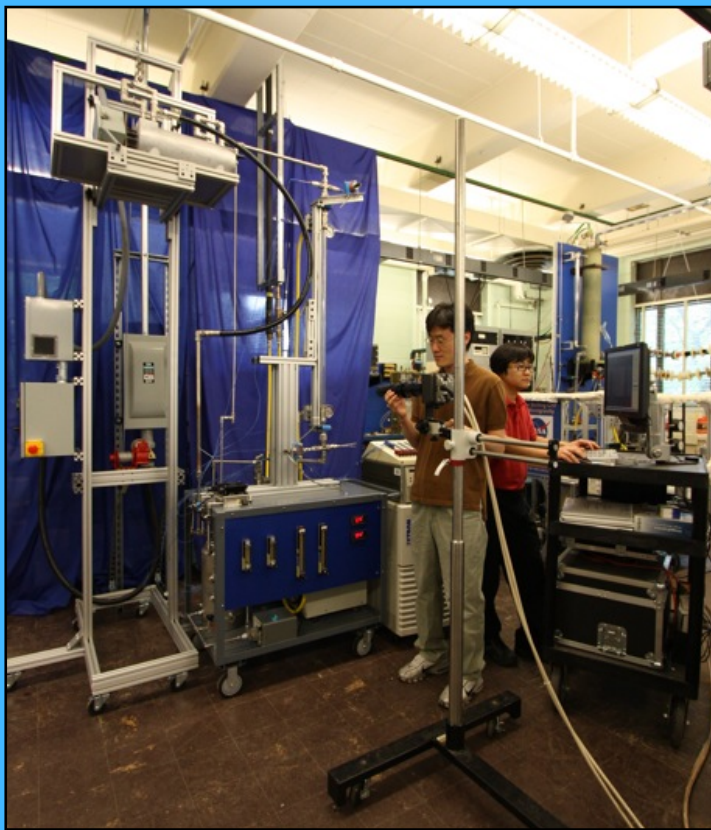


*Flow Condensation
Parabolic Flight Rig*

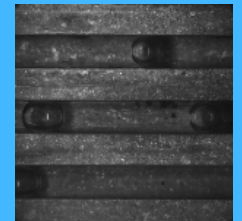
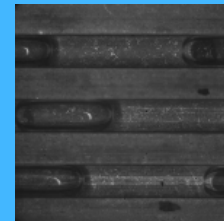
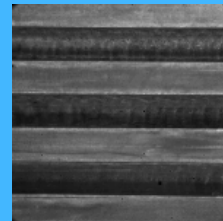
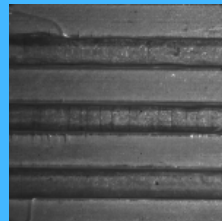
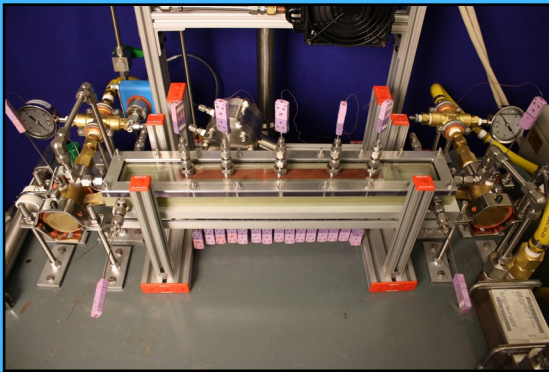
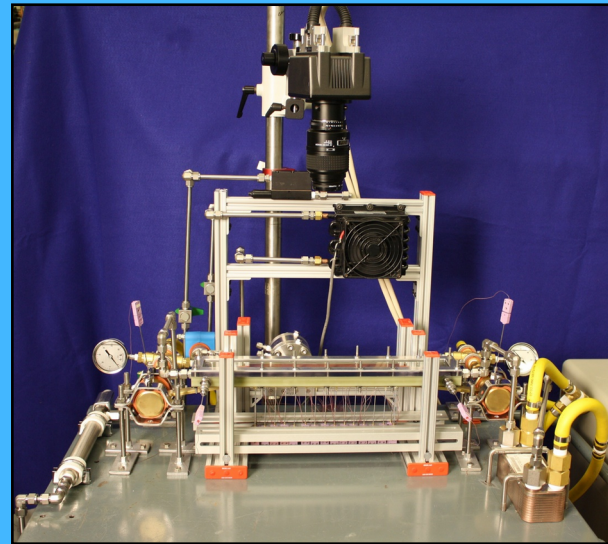
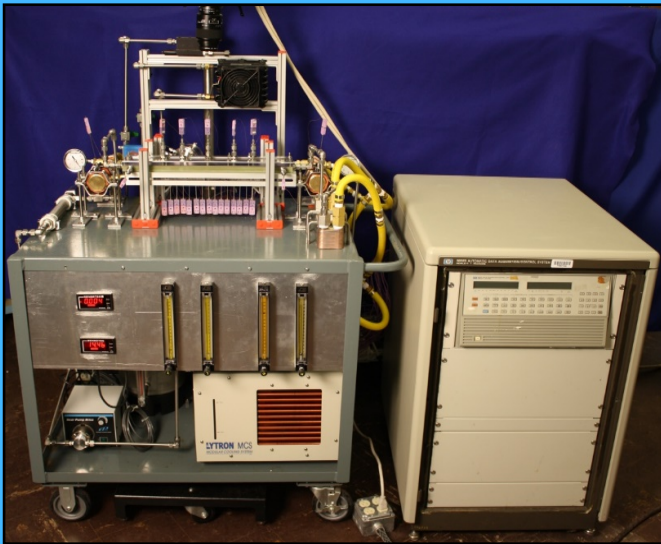




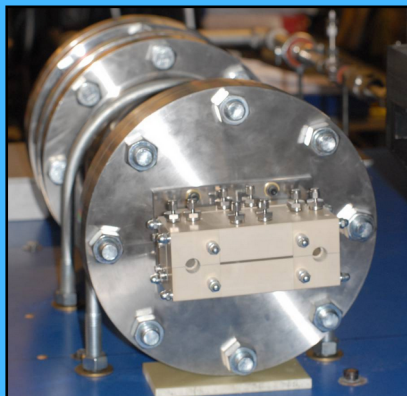
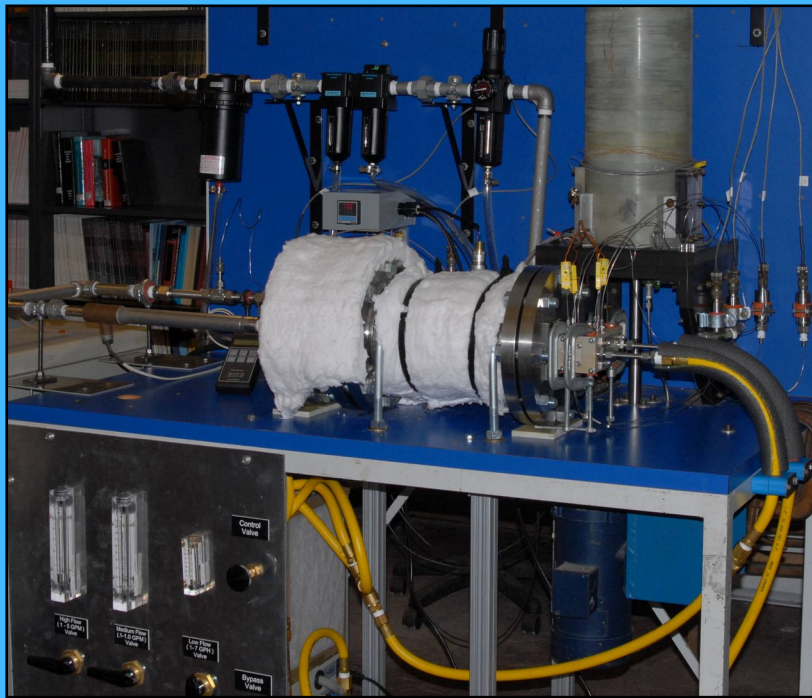
**Spacecraft Hybrid Thermal
Control System (TCS) Facility**



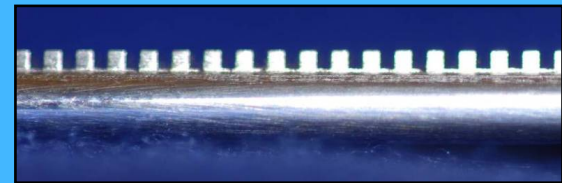
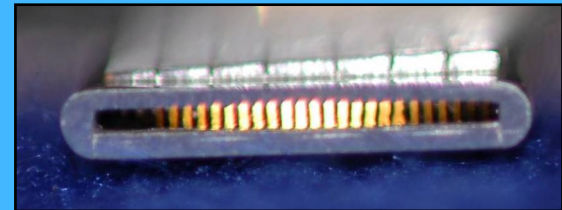
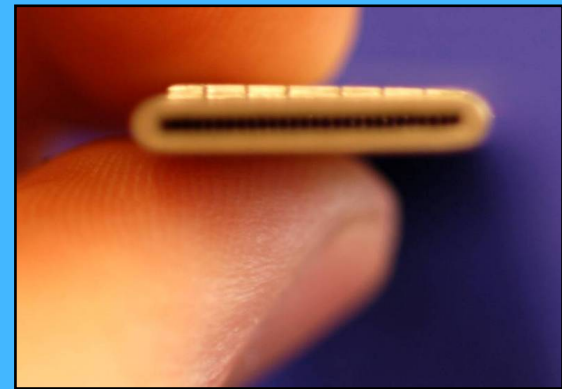
***Flow Condensation
Orientation Effects Facility***

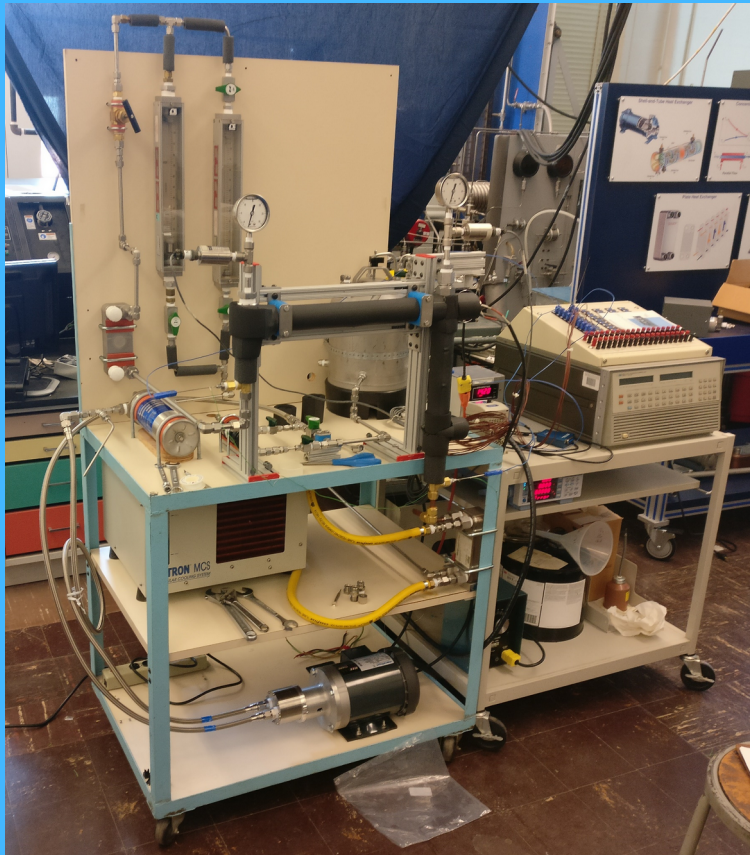


***Micro-channel Condensation
Facility***



***Cross-flow
Micro-channel
Heat Exchanger
Facility for Study
of Air-fuel Heat
Transfer in
High Mach
Turbine Engines***





***Thermal Management Facility
for Ultra-Fast Charging of
Electric Vehicles***



***Hydrogen Storage Thermal
Management Facility***



Surface Analysis Facility

