SIO CoLo Facility

Overview
- 60 Racks
  - 19 x 2, Long Pods
  - 11 x 2, Short Pods
- Dedicated Research Group Racks
- Shared Rack Space

Power
- 480V @ 600A Service to Pods
- 208V 3-phase @ 20A (~6kW/Rack)
- Emergency Power (TBD)

Cooling
- Hot-aisle Containment Design
- Each Pod Cooled Independently
- SIO Chilled Water Loop
  - 100 Ton Hubbs Hall
  - C/W loop from IGPP Revelle & Eckart Buildings Provides Additional Capacity
- External Chilled Water Connection for Portable, Emergency Backup Cooling

Fire Suppression - Two systems
- ENCARO-25 Clean Agent - Gas
  - Human-Safe
  - Protects Equipment
- PreAction System - Water
  - Two-Factor Trigger
  - Smoke, Heat, Human Actuated
  - Only Activated If Gas System Fails

Environmental/Security Monitoring
- Room and Chilled Water Temperatures
- Room Humidity
- Water Leak Detection
- Security Cameras
- Electronic Keyless Entry