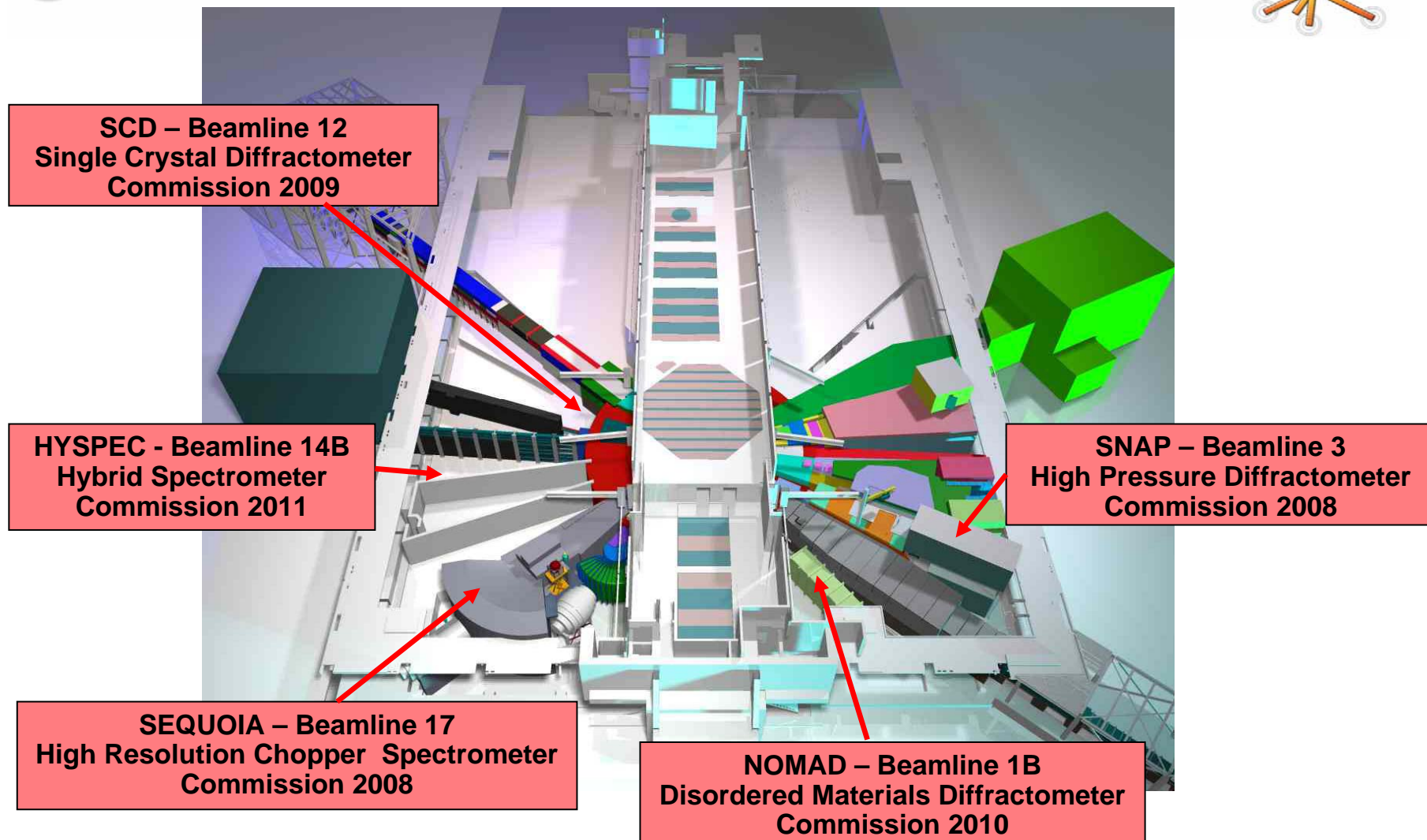


# SING Instrument Layout

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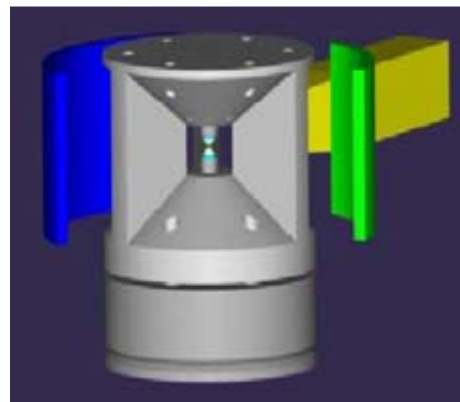
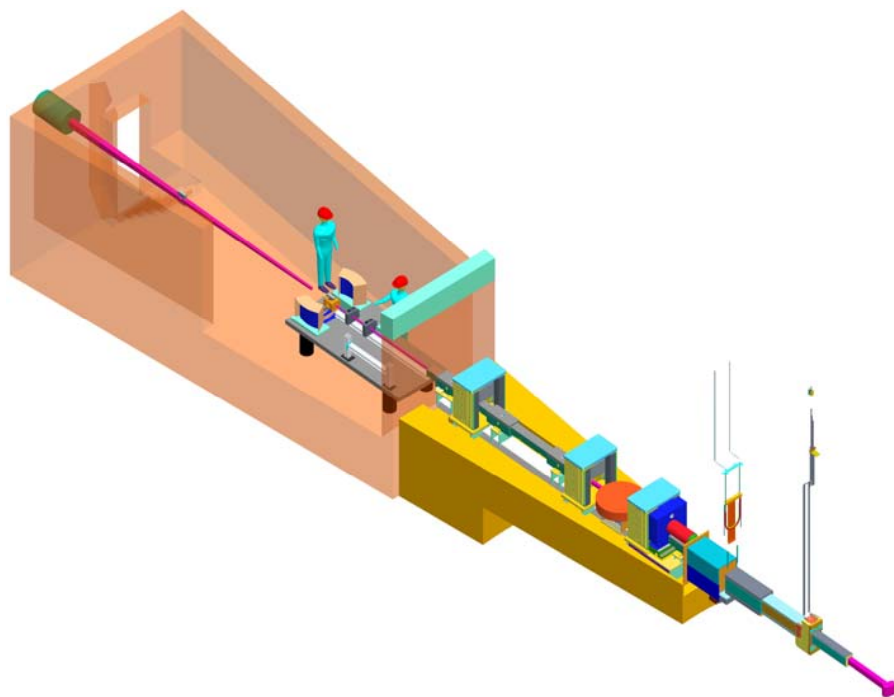


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## SNAP High Pressure Diffractometer (BL-3)

Atomic structure at pressures up to 100 GPa

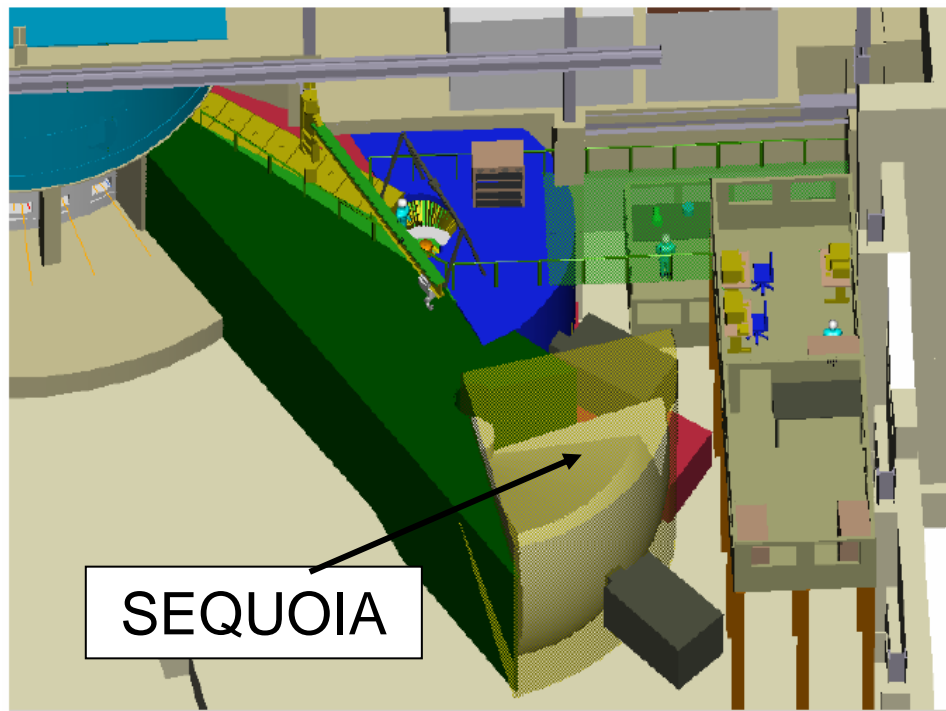
John Parise (Stony Brook); Rus Hemley (Carnegie Institute); Chris Tulk (SNS Instrument Scientist)



## SEQUOIA High-Resolution Chopper Spectrometer (BL-17)

Atomic-scale dynamics at thermal and epithermal energies, with emphasis on magnetic scattering from single crystals

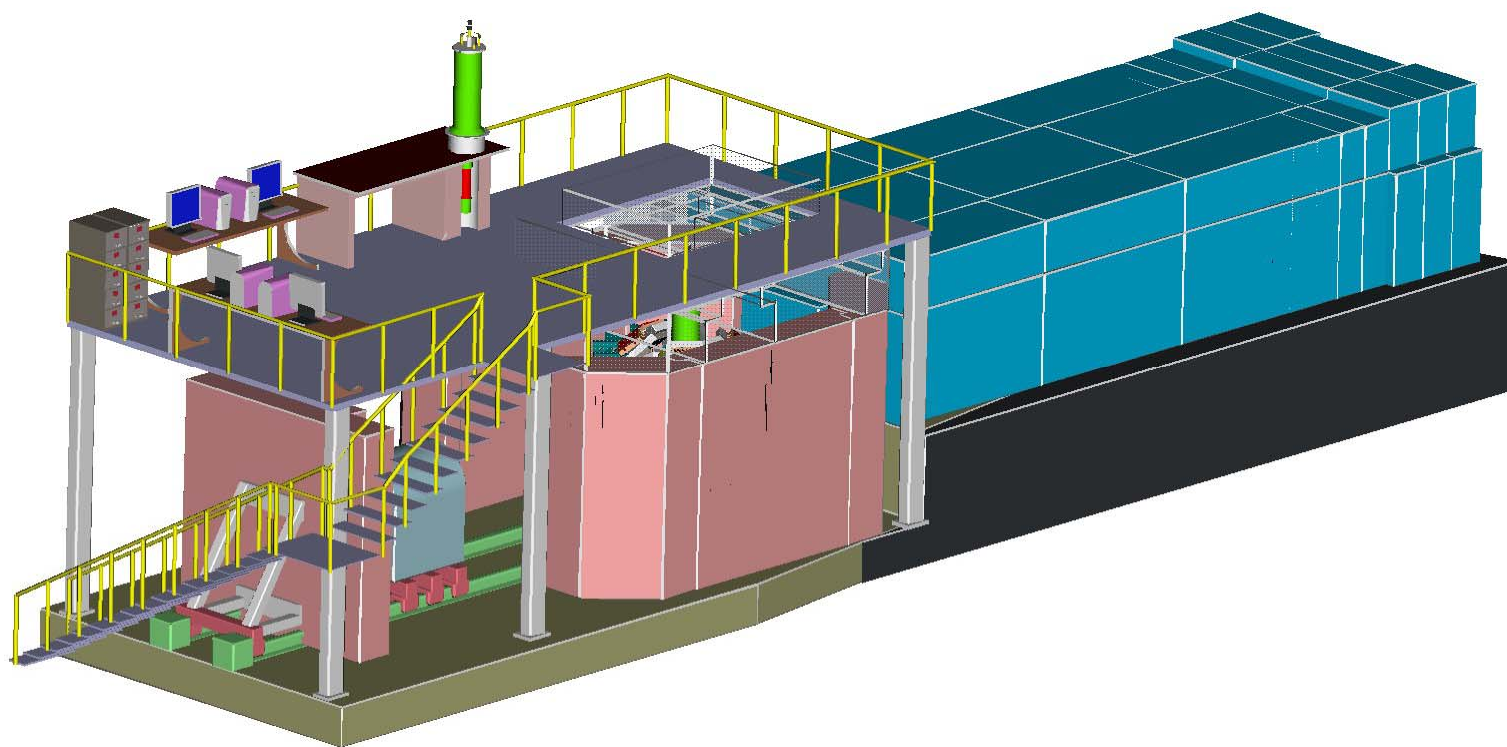
Steve Nagler (ORNL); Garrett Granroth (SNS Instrument Scientist)



## SCD Single Crystal Diffractometer (BL-12)

Rapid atomic structure in moderate-unit-cell single-crystal samples

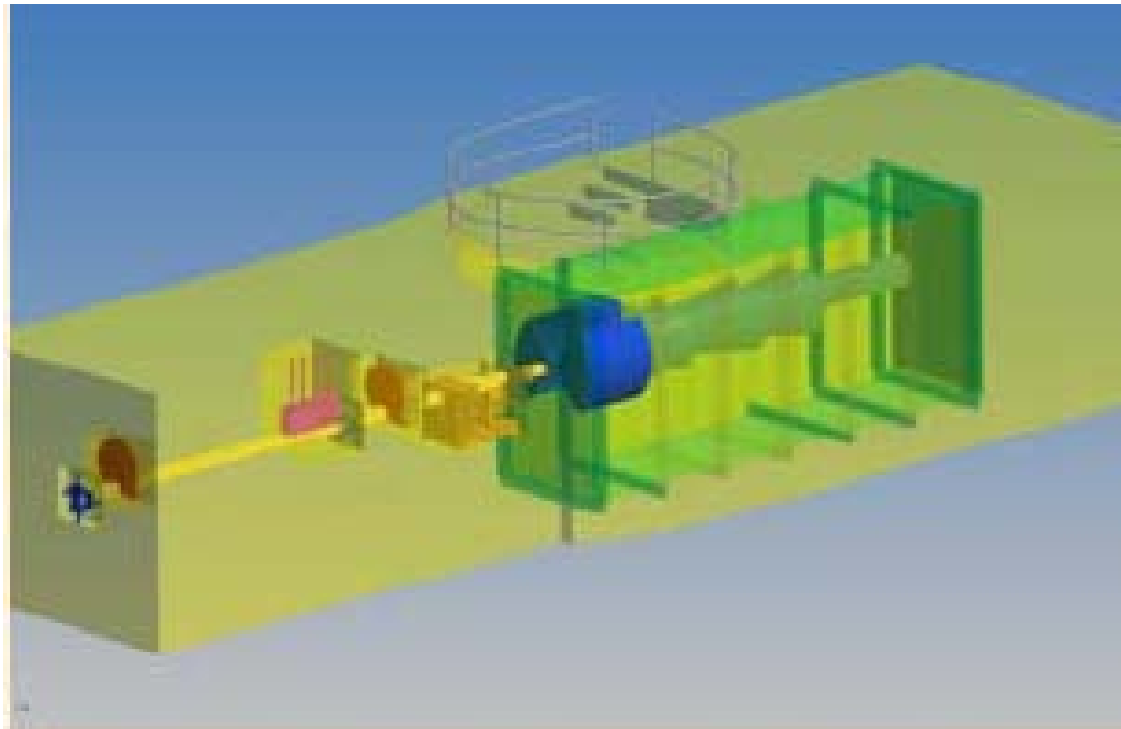
Robert Bau (USC); Tom Koetzle (BNL-ret); Art Schultz (ANL); Christina Hoffmann (SNS Instrument Scientist)



## NOMAD Disordered Materials Diffractometer (BL-1B)

Atomic scale structure of liquids, glasses, and disordered crystals

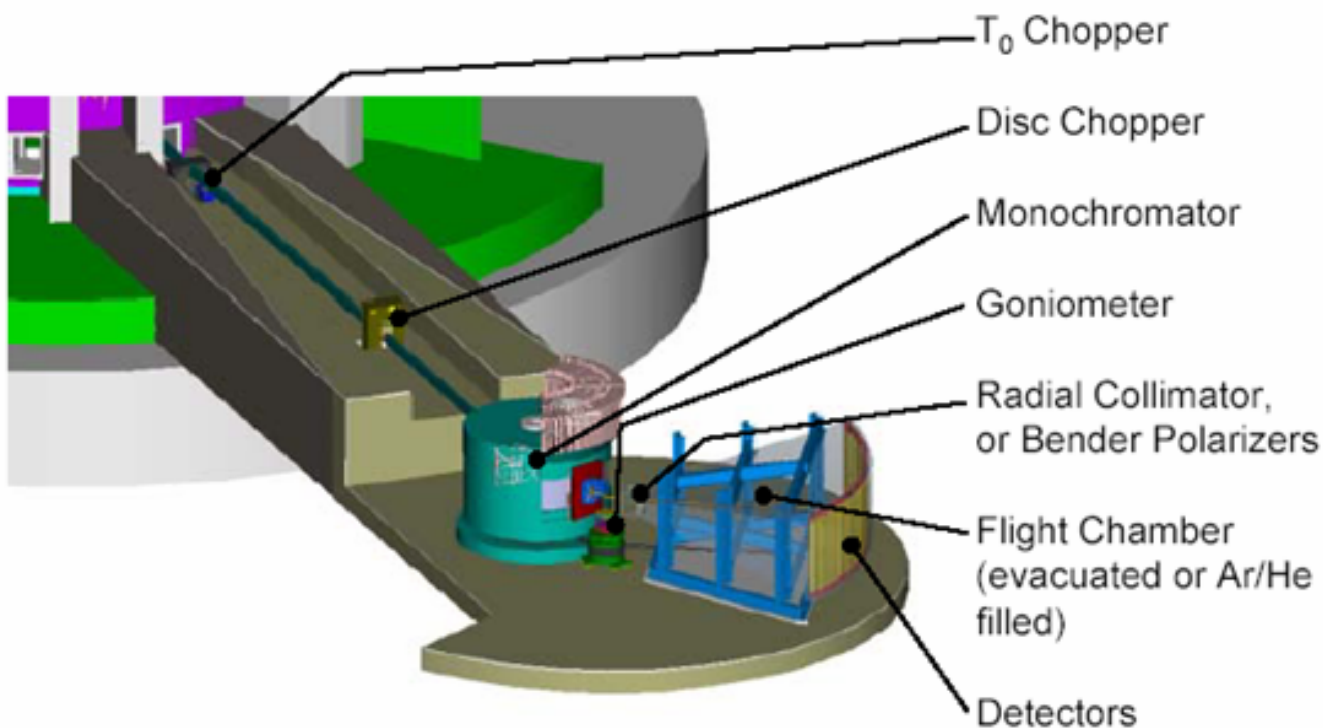
Mike Simonson (ORNL); Michael Winokur (U. Wisc); Joerg Neuefeind (SNS Instrument Scientist)



## HYSPEC Hybrid Spectrometer (BL – 14B)

Spin dynamics and motions of atoms in single crystals, with emphasis on polarized neutron studies

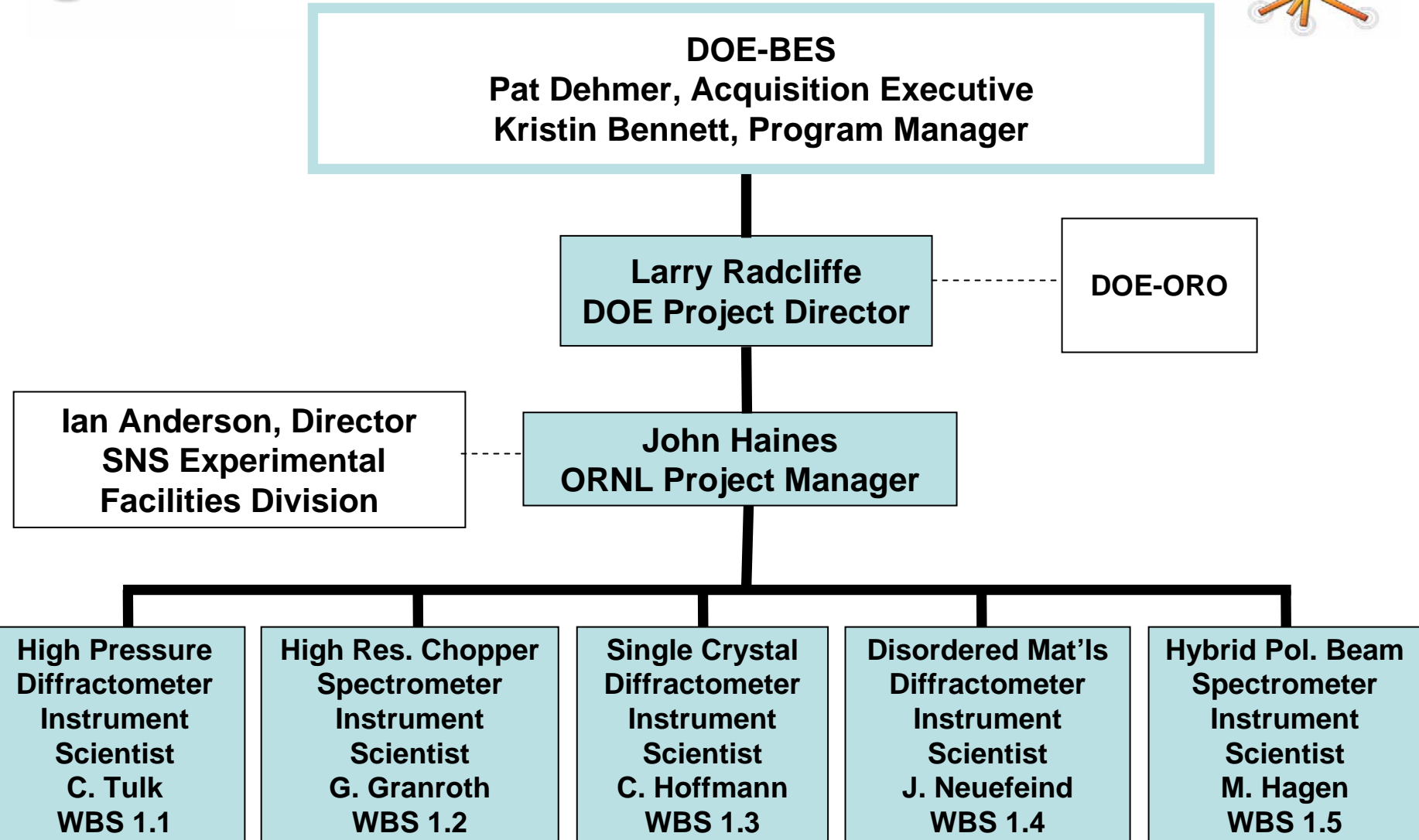
Steve Shapiro (BNL); Mark Hagen (SNS Instrument Scientist)





# SING Project Organization

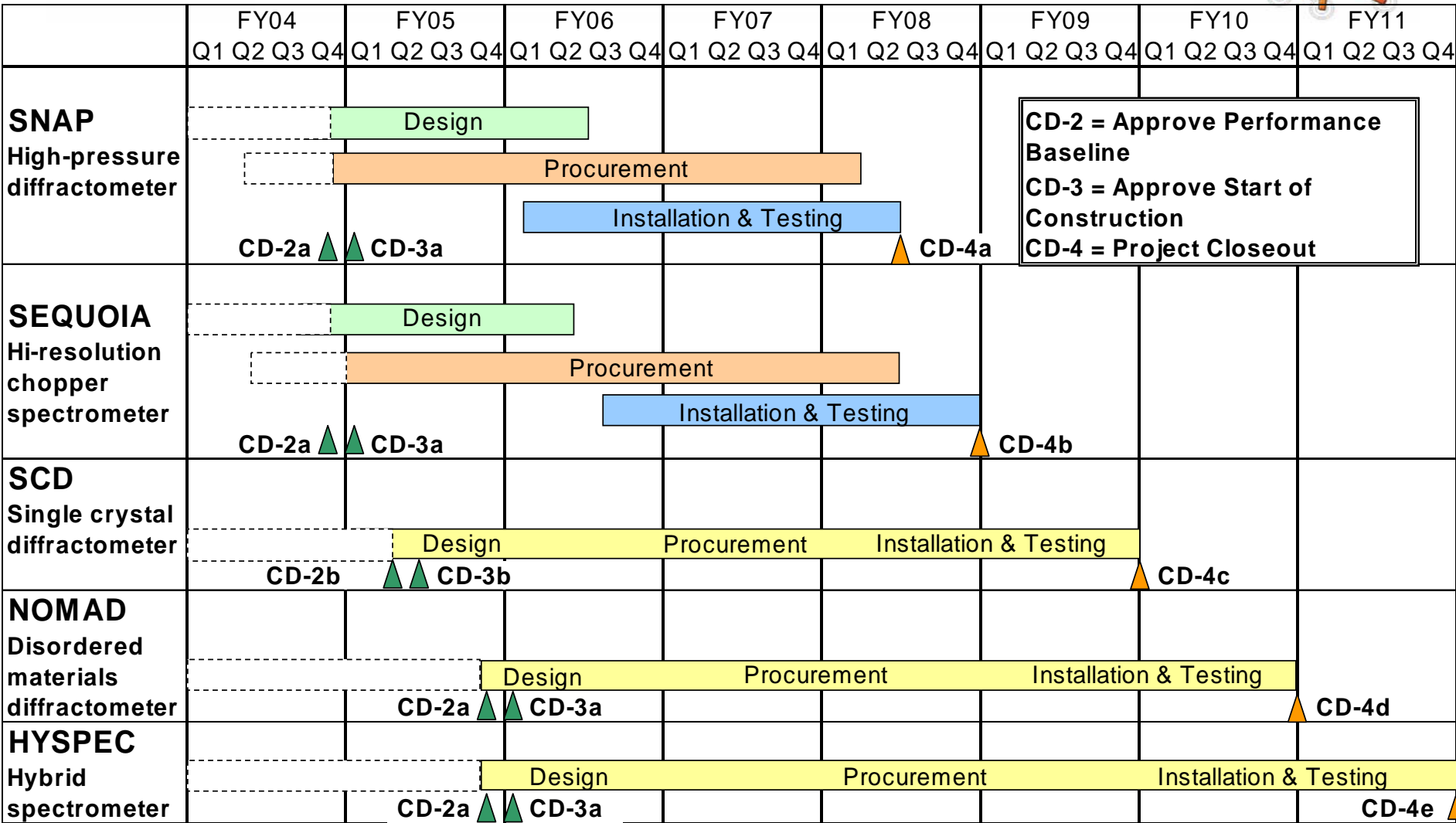
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# Overall Schedule for SING Project

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CD-2 = Approve Performance Baseline  
 CD-3 = Approve Start of Construction  
 CD-4 = Project Closeout

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