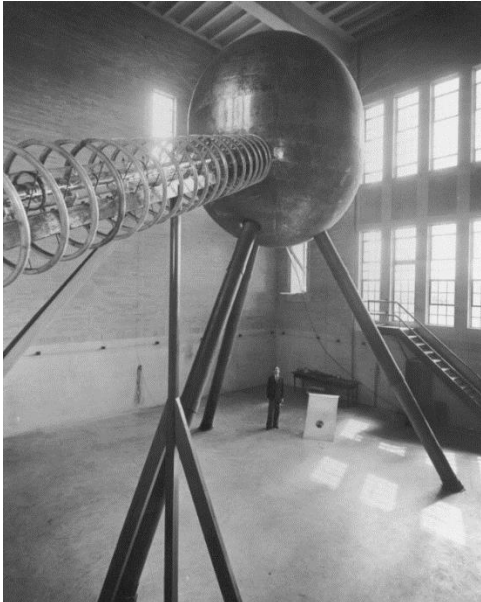


Welcome to Notre Dame

80 years of Nuclear Physics
from 1936 to 2016



A long tradition of low energy nuclear physics at Notre Dame!

NSL Research staff and program

Researchers in low energy nuclear physics

- 10 T&R faculty
- 8 research faculty
- 5 postdoctoral fellows
- 38±5 graduate students

Research in low energy nuclear physics following a broad spectrum of LENP questions using a multi-probe experimental approach!

- Nuclear astrophysics
- Nuclear structure physics
- Radioactive ion beam physics
- Accelerator mass spectrometry
- Fundamental symmetries
- Applied nuclear physics



Not a user facility but user accessible

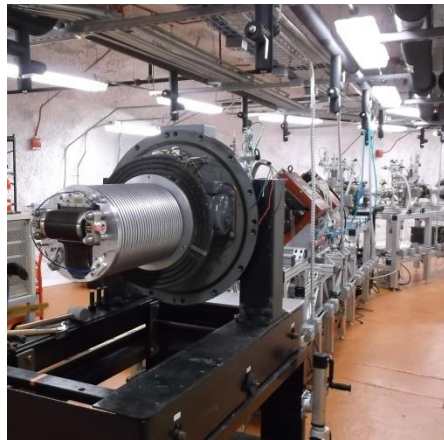


2015-2016: FN accelerator: 40% users
60% ND programs

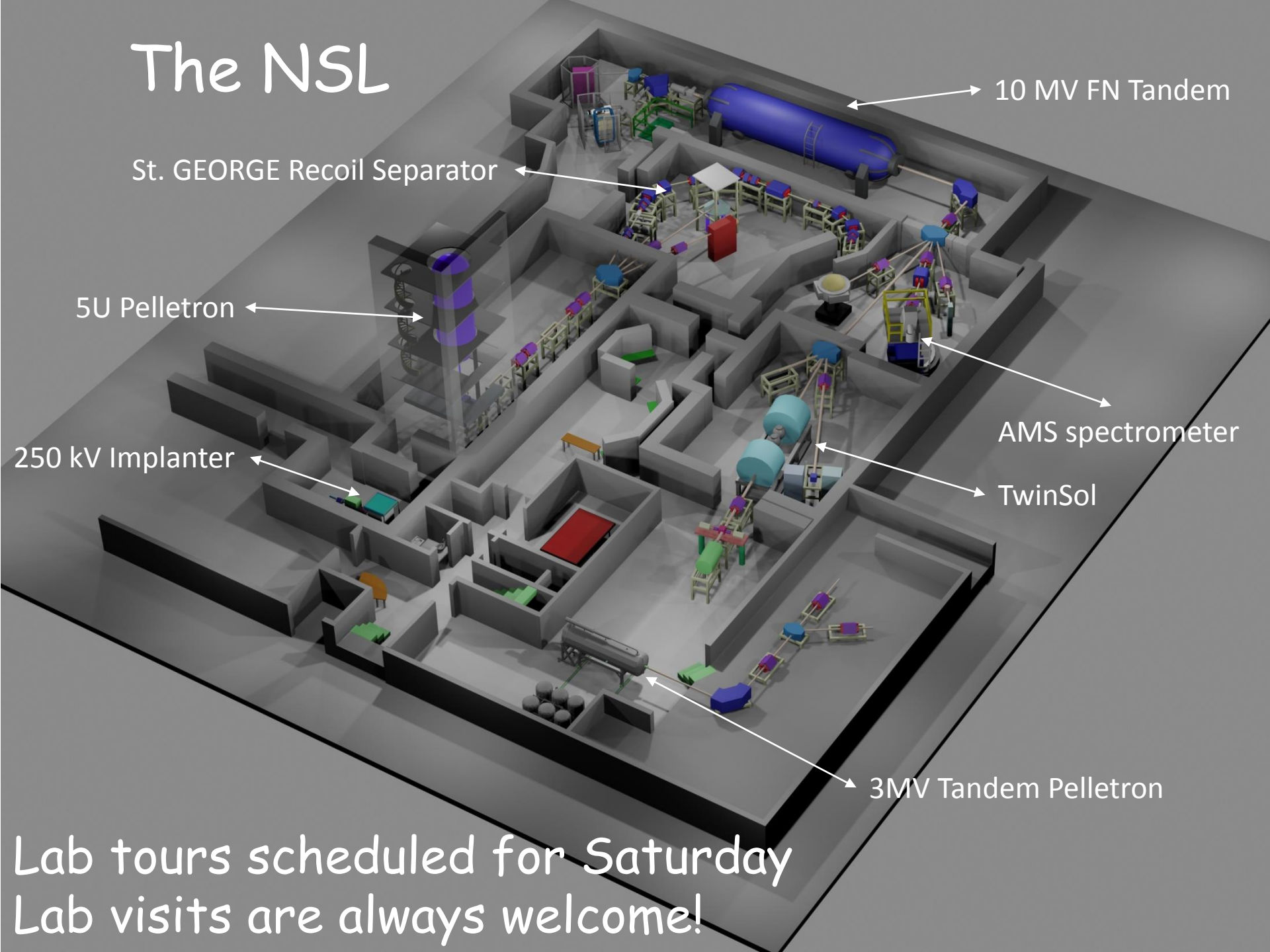
Users: ANL, U. Birmingham (UK), Fermi-Lab, Hebrew U. (Israel), ININ (Mexico), LSU, U. of Michigan, NSCL/MSU, Ohio U., ORNL, Princeton, U. of Richmond, Rutgers U., U. of Sao Paulo (Brazil), Stanford U., U. of Tennessee, U. Vienna (Austria), U. of Wisconsin-La Crosse.

5U accelerator: 30% users
70% ND programs

Users: ANL, Hope College, U. Illinois Chicago (UIC), LANL, LLNL, U. of Michigan, U. Naples (Italy), NSCL/MSU, ORNL, Rutgers U., South Dakota School of Mines, U. of Tennessee.



The NSL



10 MV FN Tandem

St. GEORGE Recoil Separator

5U Pelletron

AMS spectrometer

TwinSol

3MV Tandem Pelletron

250 kV Implanter

Lab tours scheduled for Saturday
Lab visits are always welcome!