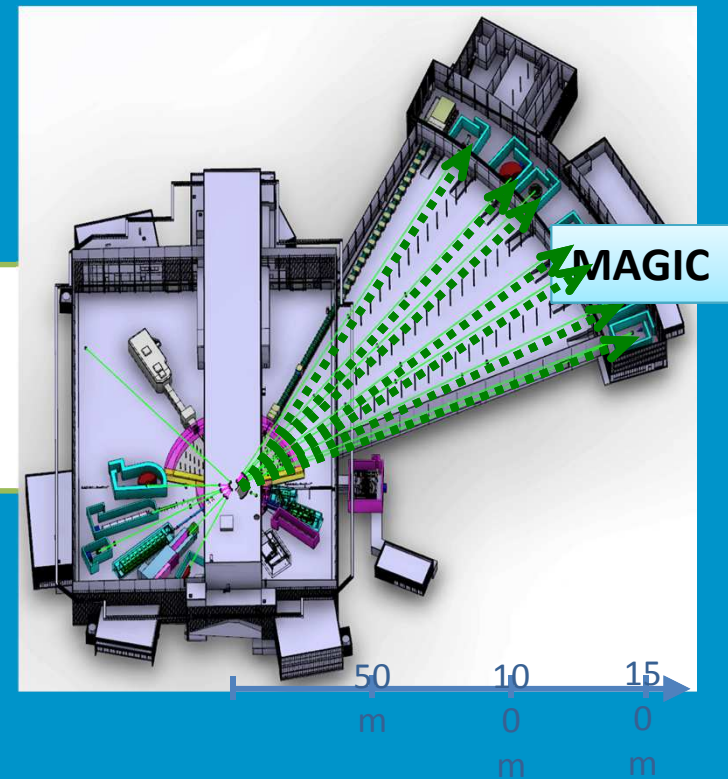




MAGIC MAGnetism in sIngle Crystals

Laboratoire Léon Brillouin, CEA-CNRS, France
C. Alba-Simionesco



www.europeanspallationsource.se

16-06-21

MAGIC

LLB (60%), JCNS (25%), PSI (15%)



CORE TEAM

- Lead scientist **Xavier Fabrèges** (perm. LLB, CNRS)
- Lead engineer **Sergey Klimko** (perm. LLB, CEA)
- W. Schweika, P. Harbott JCNS
- U. Filges, M. Kenzelmann, PSI

PROGRESS SINCE LAST ICB

- Accepted in October 2015;
- cost category 12M€ ; budget completed
- Official start of Phase 1 (~ 3.5% of the budget)
- STAP 23 June 2016

CURRENT ISSUES

LLB:

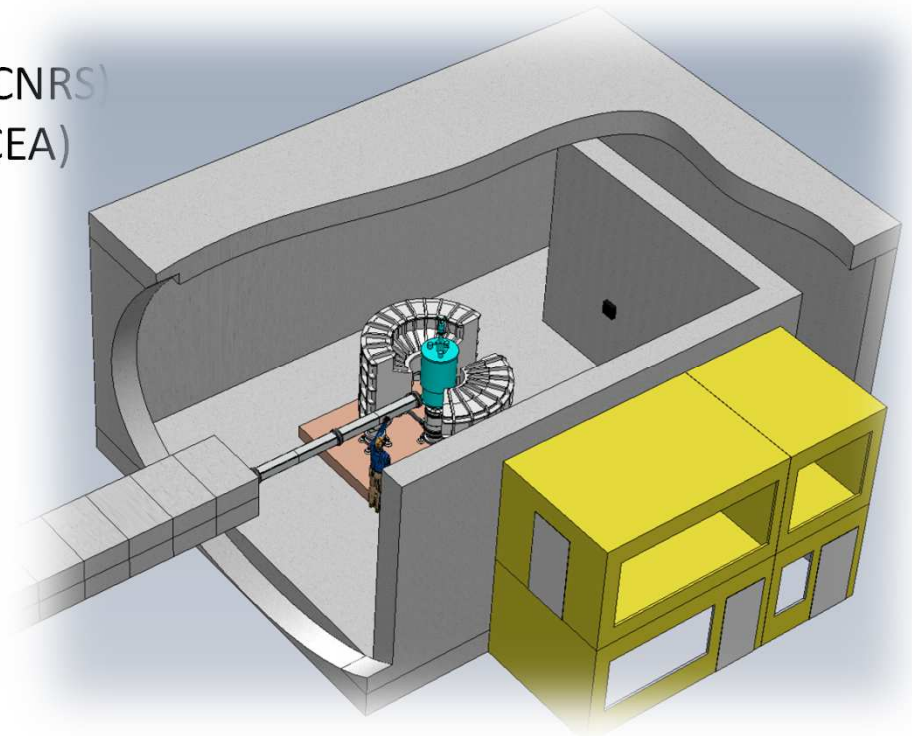
- concepts of operations
- system requirements
- preliminary system design
- work package specifications
- initial operation and staging plan

PSI:

- super-mirrors polarization analysis preliminary design
- flipper preliminary design

JCNS:

- choppers (PSC, BC, SC) preliminary design
- detectors preliminary design



Scope-setting: 2016-10-19

Tollgate 2: 2016-12-xx ?