



QUBIC Meeting

September 26th - 27th

LAL Orsay

QUBIC Status

- Site: San Antonio de los Cobres, Salta Province, Argentina
 - Decision taken in June at the Steering Committee during Roma Collaboration Meeting
 - Triggered an increased support and involvement from Argentina (see Clementina's talk) at all levels
- Complex situation with Italian Funding
 - Italian teams were funded by PNRA
 - PNRA does not will the funded / fabricated hardware to go to Argentina
 - We hope to find some arrangement with PNRA regarding some of the hardware
 - INFN is entering into QUBIC
 - A funding request of ~235 k€ was made involving the historical italian teams + ROMA2 section (Software)
 - It did not cover all of the PNRA funded items due to a lack of FTE
 - The allocated funding is not as high as we expected 46.5 k€ (although not negligible if we are optimistic with sub-judice part + ~77k€)
- French funding
 - The 700 k€ ANR request has not been granted
 - The new call is open, we will resubmit before Oct. 27th
 - We planned to ask to IN2P3 and INSU a significant funding for 2017 and 2018 for:
 - Funding ex-PNRA items not asked for funding to INFN (due to limited FTE)
 - Funding French-responsibility items for both Technological Demonstrator and Final Instrument

What is the future ?

- We need to react to our current strong constraints
 - Low funding in France but significant political support at IN2P3 (not so high at INSU)
 - low funding in Italy but political support at least at head of INFN
 - Significant funding and very high political support in Argentina
- First priority: the technological demonstrator
 - It needs to be operative in 2017
 - Will use the PNRA-funded items (that will be returned to PNRA afterwards)
 - Use INFN 2017 funding to secure Italian contribution
 - Will show the feasibility of Bolometric Interferometry
 - Will give the funding agencies (in France and Italy) confidence in our collaboration
 - Needed funding in France: 373k€ in this hypothesis
- This will give us the support for building the final instrument
 - The site will be ready by mid-2017, the competition is hard
 - We need to go fast (2018 if we can), but probably rediscuss funding and schedule with our funding agencies (including PNRA)