

Summary of DIRAC meeting held on 17/12/2014

Attendees: L. Nemenov, L. Mapelli, J. Schacher, Daniel Drijard, J. Salicio, E. van Herwijnen, S. Foffano, Ph. Bloch, S. Bertolucci

L. Nemenov presents the status of DIRAC see [slides](#)

A discussion follows on the physics impact of pi-mu and mu-mu atoms (some of the new topics introduced by DIRAC for future analysis), should they be discovered. Pi-mu atoms should allow a measurement of the electromagnetic radius of the pion. Mu-mu atoms offer a check of QED calculations. The experiment should therefore go ahead and do this remaining analysis.

Ph. Bloch questions how many of the 19 people shown during the presentation are really doing analysis, L. Nemenov confirms around 16.

D. Drijard presents the DIRAC budget: expected contributions from JINR, Russia, Prague, Japan and Romania amount to 116k CHF and expected expenditure amounts to 210k CHF, mainly for subsistence payments. There is a 36k CHF reserve from 2013 due to one visitor not coming to CERN as planned therefore an expected deficit of around 58k CHF is expected in 2014.

Ph. Bloch explains the PH policy is to support completed experiments up to a level of 20k CHF/year when necessary. For 2014 nothing was foreseen for DIRAC, however on behalf of PH he suggests offering 20k towards the deficit.

S. Bertolucci confirms the physics is needed from the already collected data and this should come as soon as possible as DIRAC cannot expect continued support after 2014. He agrees to cover part of the expected deficit for 2014 with PH, but cannot commit to any support beyond 2014.

L. Mapelli questions the high amount of subsistence. D. Drijard comments this is necessary to cover payment of Eastern European collaborators and it has increased since the departure of the groups from Spain, Italy, Zurich & Basel. Other groups should be encouraged to join.

Ph. Bloch summarises 45-50k CHF will be shared between PH and the Non-Member State subsistence fund to help the DIRAC deficit for 2014, but warns the DIRAC collaboration not to return at the end of 2014 asking for a similar financial support from CERN as it will not be granted.

S. Bertolucci congratulates DIRAC on their results and encourages the remaining results from the unanalyzed data to be produced as soon as possible.