

DISCUSSION SESSION

Questions/recommendations to STFC

1. Is there scope for the creation of a technology roadmap, alongside the physics roadmap? (Could a few technology priorities be amongst the identified categories on the PPGP form-X?)
2. How would a consortium bid on UK CMOS development, be received and what guidance can we get as to what the funding envelope might be.
3. Other question or recommendations ..

What are the applications and what are the relevant requirements for these

Future HEP experiments:

1. LHC upgrades (ALICE, ATLAS, CMS, LHCb),
2. e^+e^- ,
3. future hadron colliders,
4. precision frontier experiments,
5. neutrinos

What performance improvements should the R&D pursue?

1. ..
2. ..
3. ..

The possible shape of a UK CMOS consortium

How to ensure new funding delivers a substantially strengthened UK position worldwide in CMOS development for ionising particle detectors?

1. What are the key deliverables of a joint funding bid?
2. What should be funded? E.g. what is a sensible division in terms of
 - Submission & processing costs
 - Design effort
 - Evaluation effort (incl. kit)
3. Should this include a model for shared access to bigger infrastructure items. (wire bonding, flip-chip bonding, TCT, ..)