



Wrap-up session

Plasma Wakefield Acceleration Workshop

31st January 2014

Strengths

- Strong community
- Internationally excellent work
- Need coordinated approach
- CLF core pillar – widespread community support, important in short-term
- Excellent work at SCAPA
- Possibilities at CLARA
- Need to capitalise on existing investment



concerns

- Training – what next, hard to get funding to support students
- Funding!
- Need coordinated approach - Groups may not be as well joined up in UK as should be for successful bid (costs money to join the dots)
- Expertise might disappear with technology but hope to allow it to develop and be retained
- Training for the future but could lose these people to Europe if no facility
- Heavy demand on computational facilities – difficult to get access for this area of science



Interface

- EPSRC & STFC
 - Community does well in peer review
 - Case being made to government to fund a further 49 CDTs – training strategy would be helpful (5-10 years), lots of positives especially for physics area but project studentships also good
 - Joined-up approach helpful



Key points 1

- Putting in context of what we are doing and what should be doing
- Want coherent message to feed into review – need to be joined-up to attract government attention for large-scale funding, competing with other large science facilities
- Well aligned for capital consultation, need to be flexible, in good position with cases
- Need to get some sort of facility quickly



Key points 2

- Diversity important and maintaining strong links Europe & US
- UK facilities open access and strengthens links with Europe
- Flat cash environment, if one area gains another will lose



opportunities

- Possibilities working with medical field and funding from there?
- Need to think about next generation facilities, proposals looking at leading edge
- New research area FEL-PWA, new techniques need to be developed (beam delivery system), need more beam time to develop this



Next steps

- Capital consultation soon, all RCs maintaining list – useful to try and capture this, contact Janet Seed Janet.Seed@stfc.ac.uk
- Evidence of collaboration important, clear view of what is needed and timescale

