

**To:** N. Jennings (Vice Provost, Research and Enterprise)

27<sup>th</sup> August 2021

**From:** K. Long (Director, Centre for the Clinical Application of Particles)

---

## **Centre for the Clinical Application of Partices; activity report August 2021**

Two highlights of the progress being made in the development of the Centre's programme over the period from June 2021 are:

- LhARA, the Laser-hybrid Accelerator for Radiobiological Applications, is being considered by the UKRI's Infrastructure Advisory Committee in the context of the proposal to establish the "Ion Therapy Research Facility" (ITRF) which was highlighted in the CCAP's June 2021 report. CCAP personnel now lead the LhARA collaboration in the preparation of a significant proposal to realise the LhARA initiative. Resources will be requested to support laser-driven source, accelerator and instrumentation development in Physics, instrumentation development within the ICR, and radiobiological work within the Imperial College Healthcare Trust (ICHcT).
- Centre personnel and personnel from the Physics of Life network are active in the development of a new optional module in the Physics MSci degree programme. The biomedical option course has been extended to include the physics of radiation therapy. Personnel from the ICHcT and the ICR, will work alongside staff in the Physics Department to deliver the course on the spring term.