WP4: Proton-acoustic dose mapping – listen to *"sonic boom"* of Bragg peak

Year 2

- Validated models for the simulation of dose and proton-acoustic signals

- Experimental testing/evaluation of initial components for proton-acoustic and scintillation systems.

Year 5

- Proton-acoustic system for dose mapping on a pulse-by-pulse basis
- Smart phantom system for cross-calibration of dose/range estimation

- Validated models for the simulation of dose and proton-acoustic signals for Lhara
- Results from initial biology experiments