

## Responses to typesetter's queries

### LhARA: The Laser-hybrid Accelerator for Radiobiological Applications

The responses to the typesetters' queries are given below. The numbering corresponds to that defined in the "Authors' proof" file named "567738\_Kurup\_Author's Proof.pdf".

In the list of affiliations, the address of Corerain Technologies is missing. This is noted in the marked-up proofs. The authors request that the missing text be inserted.

- Q1** All surnames are correctly highlighted.
- Q2** The usage of the names of the authors is correct. The spelling of "McLauchlan" is corrected in the marked-up proofs.
- Q3** The authors named in "Q3" have been asked whether they wish to register.
- Q4** Updates to the affiliations in line with the requests of the typesetter are indicated in the marked-up copy of the proofs uploaded with this document.
- Q5** The email address in the correspondence section is accurate.
- Q6** The authors are not aware of any copyright issues related to the figures in the article.
- Q7** Minor amendments to the captions of figures 9, 10, 11 have been made in the marked-up copy of the proof uploaded with this document. All other captions are correct.  
The resolution of figure 3 in the proof appears to be low. A pdf version of the figure has been uploaded along with this document. The authors request that this version of figure 3 be used.
- Q8** The "Data Availability" statement is accurate.
- Q9** The "Author Contributions" section is correct and all authors contributed to and approved the publication submitted.
- Q10** The grant numbers presented in the "Funding" paragraph are correct.
- Q11** The article title is correct.
- Q12** The short running title is correct.
- Q13** The keywords are correct. Minor typographical issues have been corrected in the marked-up proof.
- Q14** The section headers and the levelling are correct.
- Q15** NHS stands for National Health Service. The formal name of the hospital contains NHS and does not include the full string "National Health Service". There is a mistake in this institution, however. The marked-up proof shows the correct name "Imperial College Healthcare NHS Trust".
- Q16** STFC stands for Science and Technology Facilities Council. The marked-up proof proposes a correction in which the acronym STFC is defined at first use.
- Q17** CFC stands for Changfu Centre which is another name for the building. The company WWW site uses the acronym CFC and therefore we propose that the address be left as it is.
- Q18** The references are:  
20 Publisher: W.B. Saunders. Philadelphia, PA, USA  
93 Barber G. "Outline Design and Cost Estimate for the Smartphantom". CCAP-TN-INST-01, The Centre for the Clinical Application of Particles, Imperial College London. (2018) Accessed on: Sep. 21, 2020. Available online at: <https://ccap.hep.ph.ic.ac.uk/trac/raw-attachment/wiki/Communication/Notes/SmartPhantom.pdf>
- Q19** The information requested to update the references follows:  
43 Prague, Czech Republic

44 This is the same reference as [62]; in fact reference 62 should be:  
Willingale, L., Nagel, S. R., Thomas, A. G. R., Bellei, C., Clarke, R. J., Dangor, A. E., et al. (2009).  
“Characterization of High-Intensity Laser Propagation in the Relativistic Transparent Regime through  
Measurements of Energetic Proton Beams. Physical Review Letters 102, 125002. doi:10.1103/1007  
PhysRevLett.102.125002 as in the manuscript that was submitted.

47 Belfast, United Kingdom

50 Melbourne, Australia

51 Busan, Korea

62 Prague, Czech Republic

74 Chicago, Illinois, USA

82 San Francisco, California, USA

85 Madison, Wisconsin, USA

88 Edinburgh, United Kingdom

90 Genoa, Italy

97 Gaithersburg, Maryland, USA

**Q20** The following are user manuals, and the author/publisher is the company who provides the corresponding products.

98 Freiburg, Germany. Accessed on: Sep. 21, 2020. Available online at:

[https://www.ptwdosimetry.com/fileadmin/user\\_upload/DETECTORS\\_Cat\\_en.16522900.12/blaetterkatalog/blaetterkatalog/pdf/complete.pdf](https://www.ptwdosimetry.com/fileadmin/user_upload/DETECTORS_Cat_en.16522900.12/blaetterkatalog/blaetterkatalog/pdf/complete.pdf)

99 Freiburg, Germany.

**Q21** The conflict of interest statement is correct.

**Q22** The section “Funding” is fine in its present location.

**Q23** The section “Acknowledgements” is fine in its present location.

**Q24** The departments are noted in the marked-up proof.