

ERC Advanced Grant 2020
Research proposal [Part B1]¹
(Part B1 is evaluated both in Step 1 and Step 2,
Part B2 is evaluated in Step 2 only)

Super-efficient ion capture to harness laser-hybrid
accelerators for science, innovation, and society

SuperCapture

Cover Page:

- Name of the Principal Investigator (PI) : Kenneth Long
- Name of the PI's host institution for the project : Imperial College London
- Proposal duration in months : 60

Text highlighted in grey should be deleted.

Proposal summary (identical to the abstract from the online proposal submission forms, section 1).

The abstract (summary) should, at a glance, provide the reader with a clear understanding of the objectives of the research proposal and how they will be achieved. The abstract will be used as the short description of your research proposal in the evaluation process and in communications to contact in particular the potential remote referees and/or inform the Commission and/or the programme management committees and/or relevant national funding agencies (provided you give permission to do so where requested in the online proposal submission forms, section 1). It must therefore be short and precise and should not contain confidential information.

Please use plain typed text, avoiding formulae and other special characters. The abstract must be written in English. There is a limit of 2000 characters (spaces and line breaks included).

Explain and justify the cross-panel or cross domain nature of your proposal, if a secondary panel is indicated in the online proposal submission forms. There is a limit of 1000 characters, spaces and line breaks included.

¹ Instructions for completing Part B1 can be found in the 'Information for Applicants to the Advanced Grant 2020 Call'.