Summer 2021 - NuSec Pilot Projects

Call Documents – For Public Broadcast

Aim

To enable small projects in topics related to Nuclear Security, such as proof of concept or feasibility studies to bring very early ideas to a point ready for further grant applications.

Purpose

To fund student summer projects lasting 2-3 months, that are typically supervised by a Univeristy Academics or Industrial Scientists.

Eligibility

Project proposals should be submitted by the proposed supervisor, who may be researchers who are either working within UK universities, or working in companies or government laboratories. Collaborations are also welcome between universities and industrial partners. Different types of project structure can be proposed for e.g. the student can be located at a University or within a company.

Funds

We expect to fund up to 5 projects of around £4,000 each. Funds may be used for student stipends, consumables, travel and subsistence.

Scope of Projects

Projects must be from the Natural Sciences and/or Engineering and must address a relevant aspect of Nuclear Security. Proposals will need to demonstrate their potential impact to enhance nuclear security within the UK.

Assessment

Will be undertaken by the NuSec Network End User Panel[1] and Management Group[2] . Principal Assessment criteria include (A) the applicability and potential impact to Nuclear Security and (B) the technical quality and viability of the proposed work.

Timetable

1. **NuSec Network** will Issue Pilot Project Call on **6th January 2021.**
2. **Applicants** should download the Pilot Project Proposal Form from the NuSec website *www.nusec.uk* complete and email the form to **info@nusec.uk** by **midday 26th April 2021.**
3. **NuSec Network** will communicate decisions to applicants by **31st May 2021** and issue a contract (University of Surrey award letter & purchase order) will be issued by **30th June 2021.**
4. **Awardees** must draft a written Project Summary Report (around 5 pages) describing the outcomes of the project, including an Executive non-technical Summary will be required by **30th September 2021.**
5. **Students and/or supervisors** will be required to present their research findings as a poster or power point presentation at a **NuSec Network Technical Research Meeting in October 2021.** The NuSec Science Network will provide separate funding for the reimbursement of these student travel expenses only.