

## PROPOSED AGENDA - NuSec Funded Research Projects Workshop 3<sup>rd</sup> November 2021

**Location:** Wellcome Collection, Burroughs Room, 183 Euston Rd, London NW1 2BE

<b>12.30pm</b>	<b>Lunch and Networking</b>	<b>All</b>
<b>2pm</b>	<b>1. Welcome &amp; Introductions</b>	<b>Paul</b>
<b>2.05pm</b>	<b>2. Oct 2020 NuSec PhD Studentships – Progress Update Presentations (20 minutes each, with Q&amp;A)</b>  <ul style="list-style-type: none"> <li>a. Developing the next-generation shipping container scanning system, University of Bristol</li> <li>b. Development of mixed field radiation detection techniques for oil and gas well logging, University of Sheffield</li> </ul>	<p style="text-align: center;"><b>Euan Connolly</b></p> <p style="text-align: center;"><b>James Greer</b></p>
<b>3pm</b>	<b>3. 2021 Summer Pilot Projects Poster Presentation of Results (around 10 minutes each) followed by Q&amp;A</b>  <ul style="list-style-type: none"> <li>a. Application of Artificial Intelligence and Machine Learning to Distributed Detector Networks, University of Bristol</li> <li>b. Developing Multifunctional Quantum Dot-based Neutrino Fission Reactor Detector, Kings College London</li> <li>c. Fuzzy Logic Scintillator Selection Tool, University of Surrey</li> </ul>	<p style="text-align: center;"><b>Dr Peter Martin</b></p> <p style="text-align: center;"><b>Beatrice Crudele &amp; Dr Teppei Katori</b></p> <p style="text-align: center;"><b>Alexia Beale, Luke Lee-Brewin Dr Caroline Shenton Taylor</b></p>
<b>3.50pm</b>	<b>NuSec Activities Update</b>	<b>All</b>
<b>4pm</b>	<b>Workshop ENDS</b>	