



# *ISS upgrade project meeting*

**16<sup>th</sup> August 2022**

**RADIATION**  
DO NOT TOUCH  
OR REMOVE  
THIS LABEL  
BY 42527

DO NOT  
REMOVE  
FLANGE COVERS  
WHILE ARRAY  
IS UNDER BIAS

TARGET LINEAR

TARGET X DRIVE





# Meeting aims

## During meeting

- New ideas for ISS exploitation – ISS collaboration
  - Technology
  - Physics
- Solicit broader input from community
  - Technology
  - Physics
- Discuss feasibility of submission to STFC project call

## Following meeting

- Identify potential work packages
- Collate physics cases
- Presentation to community at Nuclear Forum

09:00

**Welcome and introduction** *David Sharp*  
09:40 - 09:45

**ISOL-SRS project overview** *Robert Page*  
09:45 - 10:00

10:00

**Physics opportunities with a dual silicon array** *Liam Gaffney*  
10:00 - 10:20

**Hybrid TPC concept** *Peter Butler*  
10:20 - 10:35

**Physics opportunities with a Hybrid TPC** *David Sharp*  
10:35 - 10:50

11:00

**Coffee: I** *David Sharp*  
10:50 - 11:05

**Technology developments at The University of York** *David Jenkins*  
11:05 - 11:25

**Physics opportunities with a LaBr array** *Nara-Singh Bondili*  
11:25 - 11:45

**Transfer-induced fission with ISS** *Sam Bennett*  
11:45 - 12:00

12:00

**Discussion: I** *David Sharp*  
12:05 - 13:00

13:00