

Disruptive technologies for proton/ion oncology workshop.

Report of Contributions

Contribution ID: 1

Type: **not specified**

Speaker: Karen Kirby (Manchester)

Contribution ID: 2

Type: **not specified**

Karen Kirkby (University of Manchester)

Thursday, 28 April 2022 10:30 (30 minutes)

Lessons learned in building a research capability for proton therapy; informing the design of the ITRF

Session Classification: Session 1: Clinical need; pre-clinical and biological research

Contribution ID: 3

Type: **not specified**

Katia Parodi (LMU)

Thursday, 28 April 2022 11:00 (30 minutes)

Advanced on-site imaging in modern radiation therapy: challenges and opportunities

Session Classification: Session 1: Clinical need; pre-clinical and biological research

Contribution ID: 4

Type: **not specified**

Jason Parsons (University of Liverpool)

Thursday, 28 April 2022 11:30 (30 minutes)

Radiobiology research examining the impact of protons versus photons in tumour cell models

Session Classification: Session 1: Clinical need; pre-clinical and biological research

Contribution ID: 5

Type: **not specified**

Kristoffer Petersson (OIRO)

Thursday, 28 April 2022 12:00 (30 minutes)

FLASH, current status and potential for proton/ion oncology

Session Classification: Session 1: Clinical need; pre-clinical and biological research

Contribution ID: 6

Type: **not specified**

Nick Dover (IC/JAI)

Thursday, 28 April 2022 16:00 (30 minutes)

Development of laser ion sources toward applications in oncology

Session Classification: Session 2

Contribution ID: 7

Type: **not specified**

Hywel Owen (ASTeC/DL)

Thursday, 28 April 2022 16:30 (30 minutes)

A preliminary activity to prepare for a UK Ion Therapy Research facility

Session Classification: Session 2

Contribution ID: 8

Type: **not specified**

Kevin Prise (QUB)

Thursday, 28 April 2022 17:00 (30 minutes)

Pushing the dose-rate envelope with laser-based radiobiology

Session Classification: Session 2

Contribution ID: 9

Type: **not specified**

Ulrich Schramm (HZDR)

Thursday, 28 April 2022 15:30 (30 minutes)

Session Classification: Session 2