

Session Program

20-22 Mar 2019

**Accelerating the future: Designing a Robust
and Affordable Radiation Therapy Treatment
System for Challenging Environments**

Session 4

Thursday 21 March

12:55

Session 4: Levers for Change and Recommendations for Additional R&D

Session | **Location:** AVANI Gaborone Hotel & Casino Private 0016 Gaborone, Botswana Plot 4727, Chuma Drive | **Conveners:** Peter Mcintosh, Jake Van Dyk, Hubert Foy

12:55-13:00 Introduction

Speakers

Hubert Foy, Jake Van Dyk, Peter Mcintosh

13:00-13:15 Overview of STFC-funded projects

Speaker

Charlotte Jamieson

13:15-13:30 RTT System Overview: From Source to Patient

Speaker

Jake Van Dyk

13:30-13:45 Electron Gun for Radiotherapy Treatment (RTT) System

Speaker

Deepa ANGAL-KALININ

13:45-14:00

New RF accelerating structures and dynamics for radiotherapy in challenging environments

Speaker

Graeme Campbell Burt

14:00-14:15 RF Sources

Speaker

Ivan Konoplev

14:15-14:30

Current and future directions in the dosimetry and real-time verification of intensity modulated radiotherapy

Speaker

Richard Hugtenburg

14:30-14:45 Beam delivery

Speaker

Adam Steinberg

14:45-15:00 Cloud technology as a mechanism for radiotherapy peer review

Speaker

Ajay Aggarwal

15:00-15:20 Coffee break

15:20-15:45 Future direction, priorities, development plans - open discussion

15:45