

Session Program

19-21 Jun 2018



Ideas and technologies
for a next generation facility
for medical research and therapy with ions
ESI, Archamps, France

Ideas and technologies for a next generation medical research and therapy facility with ions

Session 4

ESI, Archamps

Wednesday 20 June

11:00

Session 4: Linac and magnet technologies

Session | **Location:** ESI, Archamps | **Convener:** Kenneth Richard Long

11:00–11:30 **Ion sources and ion therapy linacs: designs and challenges**

Speaker

Alessandra Lombardi

11:30–11:50 **Ion therapy linacs: the TERA experience**

Speaker

Alberto Degiovanni

11:50–12:10 **RF cavity designs for a ion therapy linac**

Speaker

Alexej Grudiev

12:10–12:30 **Superconducting magnets and field control**

Speakers

Marco Buzio, Stephan Russenschuck

12:30–12:45

Superconducting synchrotron and gantry based on canted cosine theta magnets

Speaker

Elena Benedetto

12:45