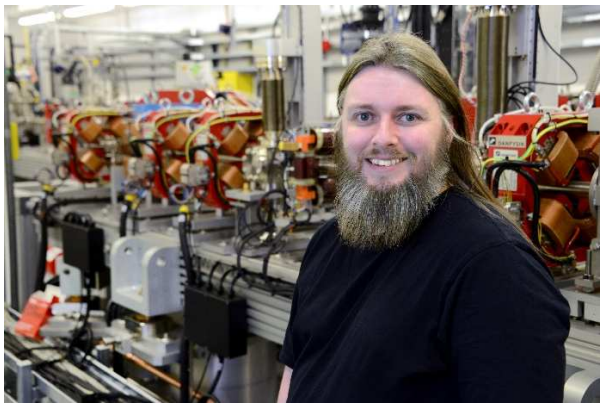
2016 RF lecture series
General RF

This course will provide an introduction to RF systems starting with a pillbox cavity, and introducing gradient limits in normal and super conducting RF systems, RF sources and their coupling to cavities, higher order modes and wakefields, and the simulation of RF cavities in finite element/difference software.

地点： 主楼C305	May 17th	May 18th
09:15 – 10:10	Introduction to RF	RF source
10:10 – 10:30	Coffee break	
10:30 – 11:20	Introduction to RF	Wakefields
Lunch break		
14:00 – 14:50	Superconducting RF	RF codes
14:50 – 15:10	Coffee break	
15:10 – 16:00	Superconducting RF	RF codes



Dr Graeme Burt
(Cockcroft Institute/ Lancaster University)

Dr Graeme Burt is a Senior Lecturer at the Cockcroft Institute at Lancaster University in UK. Dr Burt has 15 years of experience in the design of RF systems for particle accelerators including crab cavities for LHC & CLIC, RF guns for the CLARA FEL, thin film SRF, industrial & medical linacs and dielectric linacs. Dr Burt is also the head of education & training at the Cockcroft Institute.

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