

Cockcroft Institute Lecture Courses – Autumn 2019

CI-Acc-101 Introduction to Accelerators

Dr H L Owen(HLO) CI/University of Manchester

CI-Acc-102: Relativity and Elements of Electromagnetism

Dr J Gratus (JG) CI/Lancaster University

CI-RF-103: Introduction to RF Systems

Dr G Burt (GB) CI/Lancaster University

CI-Beam-104: Introduction to Beam Dynamics

Dr I R Bailey (IRB) CI/Lancaster University

CI-Mag-106: Conventional Magnets for Accelerators

Dr A Bainbridge (AB) CI/ASTeC

CI-Beam-105: Lattice Design and Computational Dynamics

Dr O Apsimon (OA) and Dr R Apsimon (RA) CI/Lancaster University

CI-SWA-107: Introduction to Short-Wavelength Accelerators

Dr G Xia (GX) CI/University of Manchester

Date/time	11:00	12:00	12:30
7 Oct 2019	Welcome to new PG students and description of PG programme	General Q&A for all current local PG students	New and current students meet and greet with lunch
Date/time	10:30	11:45	14.00
14 Oct 2019	CI-Acc-101 (HLO)	CI-Acc-102 (JG)	CI-Acc-102 (JG)
28 Oct 2019	CI-Beam-104 (IRB)	CI-Beam-104 (IRB)	CI-Beam-104 (IRB)
4 Nov 2019	CI-Beam-104 (IRB)	CI-Beam-104 (IRB)	CI-Beam-104 (IRB)
11 Nov 2019	CI-Acc-101 (HLO)	CI-Acc-102 (JG)	CI-Acc-102 (JG)
18 Nov 2019	CI-Mag-106 (AB)	CI-Mag-106 (AB)	
25 Nov 2019	CI-Mag-106 (AB)	CI-RF-103 (GB)	CI-RF-103 (GB)
2 Dec 2019	CI-Mag-106 (AB)	CI-RF-103 (GB)	CI-RF-103 (GB)
9 Dec 2019	CI-Beam-105 (OA/RA)	CI-Beam-105 (OA/RA)	
6 Jan 2020	CI-SWA-107 (GX)	CI-SWA-107 (GX)	CI-Beam-105 (OA/RA)
13 Jan 2020	CI-SWA-107 (GX)	CI-SWA-107 (GX)	CI-Beam-105 (OA/RA)
20 Jan 2020	CI-Beam-105 (OA/RA)	CI-Beam-105 (OA/RA)	CI-Beam-105 (OA/RA)
27 Jan 2020	CI-Beam-105 (OA/RA)	CI-Beam-105 (OA/RA)	CI-Beam-105 (OA/RA)

Lectures are in the Walton Room (A53) and can be received on the web at: <https://www.cockcroft.ac.uk/webinar>
Lectures are open to all HEI students/staff; for more information contact hywel.owen@manchester.ac.uk or liz.kennedy@stfc.ac.uk