

# Cockcroft Institute Lecture Programme

## October 2024 – January 2025

### CI-ACC-101: Introduction to Accelerators

Hywel Owen (HO) CI/ASTeC

### CI-ACC-102: Relativity and Elements of Electromagnetism

Jonathan Gratus (JG) CI/Lancaster University

### CI-RF-103: Introduction to Radio Frequency Systems

Graeme Burt (GB) CI/Lancaster University, Louise Cowie (LC) CI/ASTeC

### CI-BEAM-104: Introduction to Beam Dynamics

Ian Bailey (IB) CI/Lancaster University

### CI-BEAM-105: Lattice Design and Computational Dynamics

Rob Apsimon (RA) CI/Lancaster University, Ozgur Apsimon (OA) CI/University of Manchester

### CI-Mag-106: Conventional Magnets for Accelerators

Alex Bainbridge (AB) CI/ASTeC

### CI-SWA-107: Introduction to Short Wave Accelerators

Guoxing Xia (GX) CI/University of Manchester

Date/time	10:30	11:45	14.00
14 Oct 2024	CI-ACC-101 (HO)	CI-ACC-101 (HO)	No Lecture
21 Oct 2024	CI-ACC-102 (JG)	CI-ACC-102 (JG)	No Lecture
28 Oct 2024	CI-ACC-102 (JG)	CI-ACC-102 (JG)	CI-ACC-102 (JG)
04 Nov 2024	CI-MAG-106 (AB)	CI-BEAM-104 (IB)	CI-BEAM-104 (IB)
11 Nov 2024	CI-MAG-106 (AB)	CI-BEAM-104 (IB)	CI-BEAM-104 (IB)
18 Nov 2024	CI-MAG-106 (AB)	CI-RF-103 (GB)	CI-RF-103 (GB)
25 Nov 2024	CI-MAG-106 (AB)	CI-BEAM-104 (IB)	CI-BEAM-104 (IB)
02 Dec 2024	No Lecture	CI-RF-103 (GB)	CI-RF-103 (GB)
09 Dec 2024	CI-BEAM-105 (RA/OA)	CI-BEAM-105 (RA/OA)	No Lecture
16 Dec 2024	CI-BEAM-105 (RA/OA)	CI-BEAM-105 (RA/OA)	No Lecture
13 Jan 2025	CI-BEAM-105 (RA/OA)	CI-BEAM-105 (RA/OA)	No Lecture
20 Jan 2025	CI-SWA-107 (GX)	CI-SWA-107 (GX)	No Lecture
27 Jan 2025	CI-SWA-107 (GX)	CI-SWA-107 (GX)	CI-SWA-107 (GX)

Lectures will be given in the Walton Room (unless otherwise announced) and via Zoom, and are open to all students and staff.

For connection details and further information, please see: <https://indico.stfc.ac.uk/category/88/>

For queries, contact: [r.apsimon@lancaster.ac.uk](mailto:r.apsimon@lancaster.ac.uk), [laura.corner@liverpool.ac.uk](mailto:laura.corner@liverpool.ac.uk) or [emily.grundill@stfc.ac.uk](mailto:emily.grundill@stfc.ac.uk)