

# Cockcroft Institute Lecture Courses – Autumn 2021

## CI-ACC-101 Introduction to Accelerators

Hywel Owen (HLO) CI/ASTeC

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

Jonathan Gratus (JG) CI/Lancaster University

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

Louise Cowie (LC) CI/ASTeC

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

Ian Bailey (IRB) CI/Lancaster University

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

Alex Bainbridge (AB) CI/ASTeC

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

Oznur Apsimon (OA) and Rob Apsimon (RA) CI/Lancaster University

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

Guoxing Xia (GX) CI/University of Manchester

Date/time	10:30	11:45	14.00
4 Oct 2021	New student induction event including lunch with current 2 <sup>nd</sup> year students		
11 Oct 2021	CI-Acc-101 (HLO)	CI-Acc-102 (JG)	CI-Acc-102 (JG)
18 Oct 2021	CI-Acc-102 (JG)	CI-Acc-102 (JG)	CI-Acc-102 (JG) - tutorial
25 Oct 2021	CI-Acc-101 (HLO)	CI-Beam-104 (IRB)	CI-Beam-104 (IRB)
1 Nov 2021	CI-Mag-106 (AB)	CI-Beam-104 (IRB)	CI-Beam-104 (IRB)
8 Nov 2021	CI-Mag-106 (AB)	CI-Beam-104 (IRB)	CI-Beam-104 (IRB)
15 Nov 2021	CI-Mag-106 (AB)	CI-RF-103 (LC)	CI-RF-103 (LC)
22 Nov 2021	CI-Mag-106 (AB)	CI-RF-103 (LC)	CI-RF-103 (LC)
29 Nov 2021	CI-Beam-105 (OA/RA)	CI-Beam-105 (OA/RA)	CI-Beam-105 (OA/RA)
6 Dec 2021	CI-Beam-105 (OA/RA)	CI-Beam-105 (OA/RA)	CI-Beam-105 (OA/RA)
13 Dec 2021	CI-Beam-105 (OA/RA)	CI-Beam-105 (OA/RA)	<i>No Lecture</i>
10 Jan 2022	CI-Beam-105 (OA/RA)	CI-Beam-105 (OA/RA)	CI-SWA-107 (GX)
17 Jan 2022	CI-SWA-107 (GX)	CI-SWA-107 (GX)	CI-SWA-107 (GX)

Lectures will be delivered in the Walton Room A53 (unless otherwise advised),

as well as via Zoom and also received on the web at: <https://www.cockcroft.ac.uk/webinar>

Lectures are open to all HEI students/staff; for more information contact [A.Wolski@liverpool.ac.uk](mailto:A.Wolski@liverpool.ac.uk)

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