

# Cockcroft Institute Lecture Courses, Summer term 2010



The Cockcroft Institute  
of Accelerator Science and Technology

The following lecture courses will be given at:

The Cockcroft Institute,

Daresbury Science and Innovation Campus,

Daresbury, Warrington WA4 4AD.

<http://www.cockcroft.ac.uk/>

## 1. Superconducting RF for Particle Accelerators:

### Fundamental Physics and Technological Applications

Professor Jean Delayen (JD), Old Dominion University and Jefferson Laboratory

## 2. RF Simulations For Particle Accelerators:

### Passive and Beam-Based

‘CST Studio’:

Dr Graeme Burt (GB), University of Lancaster.

‘Intermediate and Advanced HFSS’:

Dr. Ian Shinton (IS), University of Manchester.

‘Introduction to VORPAL’:

Mr. Jonny Smith (JS), University of Lancaster and Tech-X Corp and Mr.

Peter Stoltz (PS), Tech-X Corp.

Date/time:	10:30	11:45	14:00	15:15
19/7/10	JD	JD	JD	JD
20/7/10	JD	JD	JD	JD
21/7/10	JD	JD	JD	JD
22/7/10	JD	JD	JD	JD
23/7/10	JD	JD	JD	JD
16/8/10	All day course on MWS given by GB			
17/8/10	All day course on Particle Studio given by GB			
23/8/10	Grid registration and training required for use of VORPAL			
24/8/10	All day course on HFSS given by IS			
30/8/10	Two day course on VORPAL given by JS and PS			
31/8/10				

Lectures and tutorials are in Walton Seminar Rooms A&B for Prof. Jean Delayen’s lectures;

Lectures and tutorials for the special computation rf course will be in B43a (TBC);

Lectures can be received on the web at: <http://extrplay.dl.ac.uk>

Lectures are open to all HEI students/staff; for more information

contact R.M. Jones on 01925 864321, [r.m.jones@cockcroft.ac.uk](mailto:r.m.jones@cockcroft.ac.uk)



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