

Title: Introduction to Particle Physics (for non Particle Physicists)

Lecturer: Prof Close, F

Date and Times: 5th July at 09:15
5th July at 10:15
6th July at 09:15
6th July at 10:15

Summary of the proposed talk

These lectures are an introduction to the ideas of particle physics, aimed at students and teachers with little or on knowledge of the subject. They form a broad basis that will be developed in more detail by the subsequent lecturers in the school.

Prerequisite knowledge and references

Basic physics. No prior knowledge of particle physics needed. For a cheap pocket sized guide see *"Particle Physics - A Very Short Introduction"* by Frank Close, published by Oxford University Press

Biography

Professor Frank Close:

Brief CV:

- Professor in Theoretical Physics at Oxford University in England since 2001.
- Formerly Head of Theory Division at Rutherford Appleton Laboratory and of Communications and Public Education Group at CERN.

Publications:

- *"Particle Physics - A Very Short Introduction"*, published by Oxford University Press
- *"The New Cosmic Onion"* published by Taylor and Francis, in paperback. This is at the level that will build on my lectures and introduce those of other lecturers.