

**Title:** Introduction to Particle Physics

**Lecturer:** Prof Close, F

**Date and Times:** 6<sup>th</sup> July at 09:15  
6<sup>th</sup> July at 10:15  
7<sup>th</sup> July at 09:15  
7<sup>th</sup> 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 no 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