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<http://www.cern.ch/Training/>

SUMMER STUDENT LECTURES

| <u>DATE</u>  | <u>TIME</u> | <u>LECTURER</u>    | <u>TITLE</u>                                                           |
|--------------|-------------|--------------------|------------------------------------------------------------------------|
| Wed. 8 July  | 09.15       | C. Llewellyn Smith | Introduction to CERN and Particle Physics (1/3)                        |
|              | 10.15       | C. Llewellyn Smith | Introduction to CERN and Particle Physics (2/3)                        |
|              | 11.15       | C. Llewellyn Smith | Introduction to CERN and Particle Physics (3/3)                        |
| Thu. 9 July  | 09.15       | R. Kleiss          | Fundamental Concepts of Particle Physics (1/6)                         |
|              | 10.15       | E. Lillestøl       | Basic Concepts in Particle Physics (1/4)<br>(for non-physics students) |
|              | 11.15       | P. Jenni           | Big Experiments (1/1)                                                  |
|              | 14.00       | O. Ullaland        | Introduction to Workshops (1/1)                                        |
|              | 15.00       | G. Stevenson       | Radiation Protection (1/1)                                             |
| Fri. 10 July | 09.15       | R. Kleiss          | Fundamental Concepts of Particle Physics (2/6)                         |
|              | 10.15       | E. Lillestøl       | Basic Concepts in Particle Physics (2/4)<br>(for non-physics students) |
| Mon. 13 July | 09.15       | R. Kleiss          | Fundamental Concepts of Particle Physics (3/6)                         |
|              | 10.15       | J. Virdee          | Detectors (1/5)                                                        |
|              | 11.15       | J. Virdee          | Detectors (2/5)                                                        |
| Tue. 14 July | 09.15       | R. Kleiss          | Fundamental Concepts of Particle Physics (4/6)                         |
|              | 10.15       | J. Virdee          | Detectors (3/5)                                                        |
|              | 11.15       | E. Lillestøl       | Basic Concepts in Particle Physics (3/4)<br>(for non-physics students) |
| Wed. 15 July | 09.15       | R. Kleiss          | Fundamental Concepts of Particle Physics (5/6)                         |
|              | 10.15       | J. Virdee          | Detectors (4/5)                                                        |
|              | 11.15       | E. Lillestøl       | Basic Concepts in Particle Physics (4/4)<br>(for non-physics students) |
| Thu. 16 July | 09.15       | R. Kleiss          | Fundamental Concepts of Particle Physics (6/6)                         |
|              | 10.15       | J. Virdee          | Detectors (5/5)                                                        |
|              | 11.15       | C. Quigg           | Standard Model (1/7)                                                   |
| Fri. 17 July | 09.15       | C. Quigg           | Standard Model (2/7)                                                   |

These lectures are prepared for Summer Students but they are open to everyone at CERN. Many of these lectures treat topics at a general level, and are therefore a good opportunity to brush up on subjects outside the scope of your daily work.

All lectures are given in English and held in the Auditorium. The complete programme is available on the Web:

[http://www.cern.ch/jobs/sum\\_prog98.html](http://www.cern.ch/jobs/sum_prog98.html)