

SUMMER STUDENT LECTURE PROGRAMME 2018

Lecture Title

The Standard Model of Particle Physics
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Lecturer's name

Riccardo Barbieri

E-mail Address

barbieri@sns.it

Short CV

Riccardo Barbieri is an Emeritus Professor at Scuola Normale Superiore in Pisa. He has written more than two hundred research papers in the field of theoretical elementary particle physics and has been particularly influential in physics beyond the Standard Model.
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Lecture Content

<ol style="list-style-type: none">1. Setting the stage and anticipating the full picture2. The strong and the em interactions3. The electroweak interactions4. The puzzle of flavour5. Neutrinos
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Pre-requisites:
earlier series of lectures
that the students
should follow

One should follow the lectures on Theoretical Concepts in Particle Physics

Other pre-requisites:

Basic Quantum Mechanics Basic Special Relativity
