



SC

PHYS2440 Interactions fortes et symétries

[45h] 5 credits

This course is taught in the 1st and 2nd semester

Teacher(s): Jean-Marc Gérard, Jacques Weyers
Language: french
Level: 2nd cycle course

Aims

Introduction to elementary particle physics

Main themes

Fundamental aspects of elementary particle physics : theoretical tools (relativistic invariance, quantum field theory, symmetry), quantum numbers, quarks models, gauge and effective theories, electroweak interactions.

Other credits in programs

PHYS22/G Deuxième licence en sciences physiques (5 credits)