26950 - High Energy Physics

Información del Plan Docente

Academic Year	2017/18
Faculty / School	100 - Facultad de Ciencias
Degree	447 - Degree in Physics
ECTS	5.0
Year	4
Semester	Second semester
Subject Type	Optional
Module	---

1.General information

1.1.Introduction

1.2.Recommendations to take this course

1.3.Context and importance of this course in the degree

1.4.Activities and key dates

2.Learning goals

2.1.Learning goals

2.2.Importance of learning goals

3.Aims of the course and competences

3.1.Aims of the course

3.2.Competences

4.Assessment (1st and 2nd call)

4.1.Assessment tasks (description of tasks, marking system and assessment criteria)

5.Methodology, learning tasks, syllabus and resources

5.1.Methodological overview

5.2.Learning tasks

5.3.Syllabus

5.4.Course planning and calendar

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5.5.Bibliography and recommended resources

- BB Bettini, Alessandro. Introduction to elementary particle physics / Alessandro Bettini . - Second edition New York : Cambridge University Press, cop. 2014
- BB Braibant, S.; Giacomelli, G.; Spurio, M.. Particles and Fundamental Interactions: An Introduction to Particle Physics. 2nd. Ed. Springer. 2012
- BB Cottingham, W. N.. An introduction to the standard model of particle physics / W. N. Cottingham and D. A. Greenwood . 1st publ., repr. Cambridge [etc.] : Cambridge University Press, 2005
- BB Griffiths, David. Introduction to elementary particles / David Griffiths . - 2nd rev. ed. New York : John Wiley, 2009
- BB Maggiore, Michele. A modern introduction to quantum field theory / Michele Maggiore Oxford [etc.] : Oxford University Press, 2005

LISTADO DE URLs:

- Teoría Cuántica de Campos (J. I. Illana y J. Santiago) [Ver enlace APUNTES DE CLASE] [http://www.ugr.es/~jillana/Docencia/TQC/]