



Faculté des sciences

SC

PHYS2908 Data processing in physics

[15h] 3 credits

This course is taught in the 1st semester

Teacher(s): Krzysztof Piotrkowski
Language: english
Level: 2nd cycle course

Aims

The course is an introduction to the treatment and physical data simulation . Its objective is double: to give the student the theoretical bases needed to meet, by personal work, the statistical problems of experimental physics and the computerized resolution. On this occasion the student will familiarize with computer systems of the department (this will often be his first contact with a "realistic" use of these).

Main themes

The course contains two parts:

1. Theoretical, dedicated to the notions of probability and their applications to "realistic" statistical problems of experimental physics.
2. Personal work, largely computerized.

Other credits in programs

PHYS22/G Deuxième licence en sciences physiques (3 credits)