



## PHY1372 Experimental methods

[30h+7.5h exercises] 3 credits

This course is not taught in 2005-2006

Language: French

Level: First cycle

### Aims

The objective of the course is to familiarize the student with some experimental methods of modern physics and especially corpuscular physics (particle physics, nucleuses, atoms or molecules). Certain methods are encountered by the student that is doing a thesis in an experimental unit of the physics department.

### Main themes

- Introduction to the measure theory
- Physical parameter measure, microscopic and macroscopic
- Detectors : principals and use

### Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)

Prerequisites: general physics.

Openings: the course prepares students to experimental research in corpuscular physics.

Exercise sessions are consecrated to the critic, by students, of an experience realized in laboratory.