

Nanotechnology

surface physics

IDENTIFICATION

CODE : M1-NANO-NANO-S1-3
ECTS : 6.0

HOURS

Lectures :	30.0 h
Seminars :	30.0 h
Laboratory :	0.0 h
Project :	0.0 h
Teacher-student contact :	60.0 h
Personal work :	30.0 h
Total :	90.0 h

ASSESSMENT METHOD

final written exam

TEACHING AIDS

TEACHING LANGUAGE

English

CONTACT

Unknown

AIMS

From interatomic forces to extended interactions, this course proposes to link microscopic to macroscopic properties in surfaces and interfaces as solid-solid or solid-liquid which are ubiquitous in nanoscience. Properties of surfaces and low-dimensional nano-objects are explored both from solid state physics concepts to molecular science.

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