



New University
since January
2018

Presentation of MONARIS

Institut Parisien de Chimie Physique et Théorique, IP2CT



MONARIS

De la **M**olécule aux **N**ano-objets: **R**éactivité, **I**nteractions et **S**pectroscopies

From **M**olecule to **N**ano-object: **R**eactivity, **I**nteractions and **S**pectroscopies

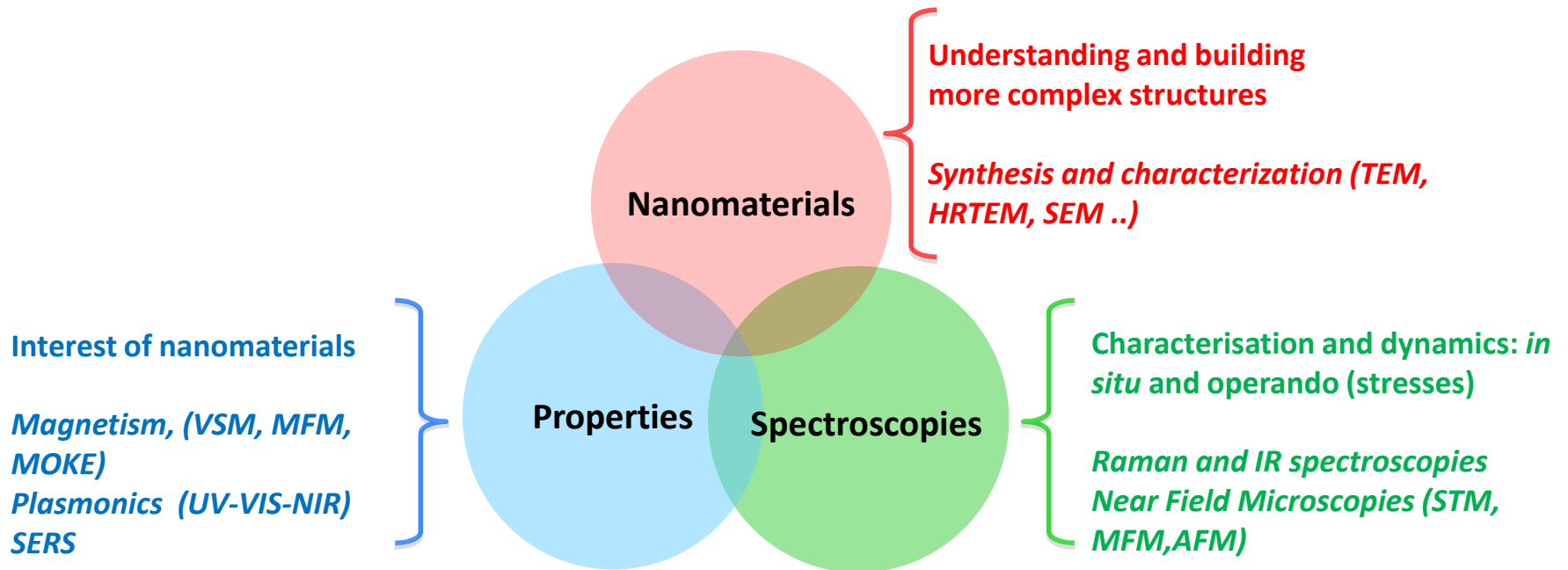


Caracterisations, Interactions and Reactivity :
Molecular Spectroscopies
CIRS

Nanomaterials and nanostructured materials:
Reactivity, Caracterisations and
Spectroscopies
NARCOS

Modelization and Theoretical
Chemistry
E=MCT

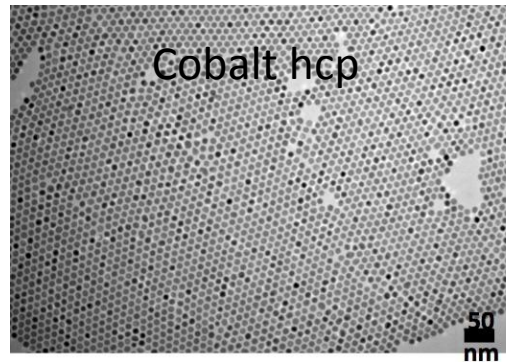
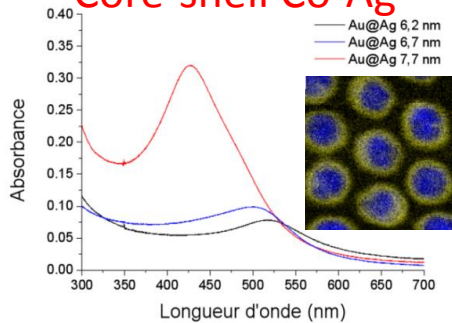
Nanomaterials and nanostructured materials : Reactivity, Carcterisation and spectrOscopieS (NARCOS)



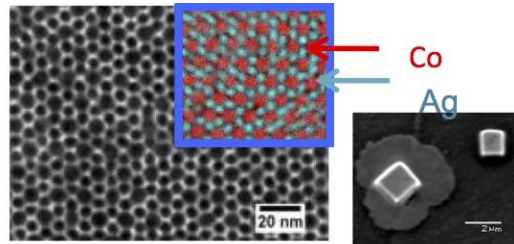
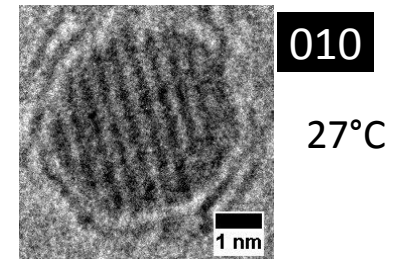
Interest for IRN

Synthesis and Characterization of metallic nanomaterials mono or bi metallic
control of size, dispersion, structure and composition

Core-shell Co-Ag

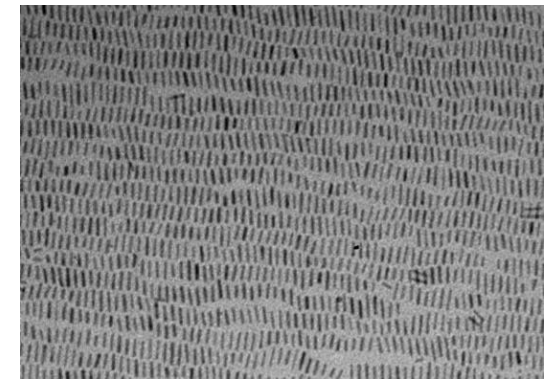


Nanoalloys CoPt

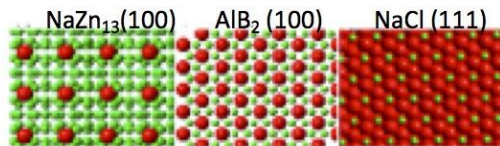


Physical and structural properties
(magnetism and plasmonic)

Nanoalloys NiCo



Binary superlattices Co-Ag



From individual nanoparticles to superlattices