

SUMMER INTERNSHIP 2017

3rd and 4th year Physics,
Chemistry, Biology &
Engineering undergraduates

Deadline: 5 February 2017



Nanomagnetism

“Seeing” ferromagnetism

Nanostructured magnetic materials for the manipulation of light propagation and polarization

Nanooptics

Nanooptics of 2D materials

Self-Assembly

Nanoscale water and nanoscale ice

Nanobiomechanics

Temperature-dependent friction in proteins

Nanodevices

Tuning the Kondo effect by molecular deposition

Design and study of non-collinear magnets for spintronic applications

Spin-to-charge current conversion in interface

Nanomaterials

Discovery and use of ureases as advanced biohybrid materials for remediation and sensing

Fabrication and characterization of functional polymer-inorganic fibers

Nanoimaging

The graphene TETRIS: bottom-up assembly of graphene stripes

Electron transport in hybrid graphene devices

Nanoengineering

Micro- and nanoscale plasmonic substrates for nanoengineering applications

pH-Lactate sensor measurements for assisting childbirth delivery

Applicants must send
their Academic
Record and CV to
jm.pitarke@nanogune.eu
More information at:
www.nanogune.eu