KEYWORDS OF SFNANO & C’NANO JOINT MEETING

SFNANO & C’NANO COMMUN SESSIONS

Nanochemistry: synthesis and functionalization of nanosystems for bioapplications
Keywords: Synthesis, nanochemistry, inorganic nanoparticles, nanomaterials & biomaterials, formulation, functionalization

Nanoobjects in biological fluids: from detection of endogenous vesicles to nanotoxicity of exogenous nanoparticles
Keywords: Characterization, nanobioparticles, biofluids, biodegradation, nanoproteome interaction, impact of nanomaterials on health

Nano for (bio-)imaging, diagnosis and theranostics
Keywords: In vitro and in vivo imaging, bio-interfaced nanophotonics, detection, instrumentation, internalization, biodistribution, diagnosis, theranostics

SFNANO SPECIFIC SESSIONS

Nanoparticles & therapeutic targeting
Keywords: Cancer therapy, cancer diagnosis, cancer theranostic, nanosystems and therapy resistance, personalized cancer therapy, tumor imaging, tumor characterization, nanoformulations

Bio-inspired
Keywords: Bio-camouflaged nanosystems, hybrid nanosystems, Synthetic biology nanosystems, extracellular vesicles, artificial cells, bio-functionalization, biocompatible nanosystems, peptides, polysaccharides, green synthesis

Nanoparticles & therapeutic targeting
Keywords: Active targeting, passive targeting, physical targeting, triggered delivery (ultrasound, temperature)

C’NANO SPECIFIC SESSIONS

Solar energy
Keywords: Photocatalysis for depollution, photoelectrochemistry, artificial photosynthesis, photovoltaics

Nanophotonics & nano-optics
Keywords: Nano-photonics, nano-optics, plasmonics, 2D materials

Nanomaterials
Keywords: Bulk materials, nanopowder synthesis

Surface and interface at the nanoscale
Keywords: Molecular self-assembly, single nano-object, 2D materials, nano-manipulation, scanning probe microscopies, spectroscopies, local excitation, nano-characterization

Nanoconfined liquids and gases
Keywords: Nanoporous, adsorption & phase transition, transport

Nanoplastics & Nanocomposites
Keywords: Structure–property relationships and Functionalities, EMI Shielding and Electrical conductivity with Graphene and Carbone Nanotube, Gas-barrier and Nanoclay, Multifunctional filler, Drug delivery, nanoparticles synthesis, nucleation/growth process, hybrid materials, core-shell nanoparticles, nanoparticle assemblies

Nanosafer by design
Keywords: Environmental implications & applications, nanotoxicology, safer by design, characterization, nanometrology