

		Lunedì 01 Aula I	Martedì 02 Aula I	Mercoledì 03 Aula H	Giovedì 04 Aula I	Venerdì 05 Aula I	
10:00	10:20	Apertura - PhD Award 2024	Pupilli - Enhancing Biocompatibility: Investigating the Influence of Mg Doping on Hydrothermally Synthesized Bone-Like Apatite Nanoparticles	Pavan - Thermally Activated Delayed Fluorescence organic molecules as electrochemiluminescent emitters	Sanz Azcona - Lignin-chemical valorization for a sustainable carbon-neutral future	Loprete - Baeyer-Villiger whole-cell oxidation by recombinant cyanobacteria harbouring a flavin-containing monooxygenase gene	
10:20	10:40		Cozzaglio - Exploring the molecular recognition between Vimentin and G4 Repeats	Rando -Luminescent metal organic cages for sensing and energy conversion	Bernardotto - Silica-based formulation to counteract bee varoosis with essential oils	Panariti - Generation and transfer of electron spin polarization in weakly-coupled peptide bridged chromophore-radical conjugates	
10:40	11:00	Beutick - A Computational review on the retro-Cope reactivity of linear and cyclic alkynes with DMHA	Bellio - Mannose receptor targeted glycopolymers for the treatment of inflammatory diseases	Parolin - Modeling Molecular Dyes in Polaritonic Nanohybrids	Bragaggia - Upcycling methods of Electric Arc Furnace steelmaking slags: phosphorus removal from wastewater and fillers for polymers	Ceroni - Active porous materials based on organic hybrids of carbon nanostructures	
11:00	11:20	Rossin - Unlocking super-reductive potential through photoelectrochemical activation of organic dyes	Neuberg -Insights into the photoreducing activity of functionalized small gold nanoparticles	Pesce - Rational design of a multi-compartmentalized μ MESH implants for the local and sustained release of chemotherapeutic and nanomedicines for the treatment of brain tumor	Dalla Costa - In vitro plant cell cultures: an alternative sustainable tool for producing innovative healthy materials	Coffee Break	
11:20	11:40	Cortivo - Simulation of photoswitching systems using Quantum-Stochastic Liouville Equation	Coffee Break	Coffee Break	Coffee Break	Rossi - Metal binding and hydration through the lens of multiscale simulations: an important step to unveil the role of ATP in soft matter	
11:40	12:00	Coffee Break	Penasa - Tris(2-pyridylmethyl)amine metal complexes for applications in chiral sensing and reduction catalysis	Tognetti - Rational design and development of controlled release systems for single administration vaccines	Sanz Azcona - Lignin-chemical valorization for a sustainable carbon-neutral future	Li - Innovative hydrophobic membrane for membrane distillation	
12:00	12:20	Baretta - Electrochemically Powered Dissipative Materials	Mazzariol - Exploration of different synthetic routes for the design of tailored nanophosphors	Giorgio - Development of selective peptide-based radiopharmaceuticals for targeted therapy and diagnosis of high malignant cancers	Cognigni - Bio-inspired Photosynthetic Frameworks for Artificial Photosynthesis	Greetings	
12:20	12:40	Pavón Regaña - Polymer composition and functional effects of the species-specific biomolecular corona formation on NPs	Dei Rossi - Amyloid fibrils trigger plasma clotting: mechanisms of intrinsic pathway activation in Transthyretin (ATTR) and Ig-Light Chain Amyloidosis (AL)	Favaro - A Novel NMR-Based Protocol to Screen Ultralow Molecular Weight Fragments	Meloni - Synthesis of base metal complexes with NHC-oxygen functionalized ligands and study of their catalytic activity in CO ₂ chemical valorization reactions	.	
12:40	13:00	Lunch Break					
13:00	13:20						
13:20	14:30						
14:30	15:10			Seminars at SIMN: Dr.Ing Barbieri, ENI S.p.a.			
15:10	15:50			Seminars at SIMN: Dr.ssa Crespi, Fond. Bruno Kessler			
15:50	16:30			Seminars at SIMN: Dr. Squillaci, Editor-in-chief Wiley			
16:30	17:10	Poster Session	Poster Session	Poster Session Material Sciences			
17:10	17:50						
17:50	18:00						