		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	**Giulia Tomei -** Study of the degradation of PFAS and other organic contaminants induced by atmospheric plasma	**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 μMESH 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 sigle 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 CO2 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	Poster Session	Poster Session	Seminars at SIMN: Dr. Squillaci, Editor-in-chief Wiley		
16:30	17:10			Poster Session Material Sciences		
17:10	17:50					
17:50	18:00					