

SEMINARI DI FINE ANNO – 2025

41° Ciclo – Ammissione al 2° anno

28 settembre 2026, ore 14.30 – 16:00, presso IMEM - POSTER SESSION

Istruzioni: presentazione di poster in formato A0. Sessione di durata 90 minuti. Nel corso di questo tempo, i docenti e i ricercatori presenti intervistano i dottorandi.

Cognome	Nome	Tutor	Titolo Poster
Barilli	Emma	Cristina Sissa; Alessandro Bertucci	Dynamic Spectroscopic Tracking of Degradation in Redox-Responsive Organosilica Nanocages
Barreca	Marco Tommaso	Francesco Di Maiolo; Anna Painelli	Organic Molecules for Quantum Information Science: From Diradical Photoswitches to Chirality-Induced Spin Selectivity
Bevilacqua	Lucas Arturo	Zanelli Chiara	Mitigation strategies for critical raw materials: new fluxing systems for the porcelain stoneware industry
Cioffi	Simona	Alessio Adamiano	Bio-Based Microencapsulation of Biocontrol Agents Using Marine Polymers and Biogenic Calcium Phosphate
Cortesi	Lorenzo	Nicolò Riboni	Metabolomic Analysis of Early Medieval Dental Calculus from Alpine Sites: Insights into Lifestyle and Anthropological Differences
Di Pietro	Cristina	Valentina Medri	Tailoring of the textural properties of geopolymer-zeolite composites as effective CO ₂ adsorbents
Maiocco	Ottavia	Alessandro Casnati; Laura Baldini	Calix[4]arenes functionalized with amine derivatives for CO ₂ capture
Mbideth Tchatchou	Manuela Laurelle	Franca Albertini	From Cast Alloys To Cu-Doped Nd-Fe-B Melt-Spun Ribbons: Microstructural Optimization For Permanent Magnet Applications
Panocchia	Alessia	Monica Sandri	Multifunctional 3D Printed Biomaterials for Chronic Wound Care and Antibacterial Therapy
Poletti	Leonardo	Francesca Rossi	SEM-PL hyperspectral characterization of MoS ₂ flakes from mono to multilayer
Sparaciari	Elena	Davide Delmonte	Low-cost and green High-Energy Ball Milling for Photoelectric inorganic materials

NOTA: sessione riservata a chi finisce l'anno il 31/10

Dottorato di Ricerca in Scienza e Tecnologia dei Materiali

40° e 39° ciclo

Istruzioni:

40° ciclo - presentazione orale, in lingua inglese (20 minuti, incluse le domande).

39° ciclo - presentazione orale, in lingua inglese (30 minuti, incluse le domande).

5 ottobre, ore 14.30 –18:30

Sala Congressi, plesso aule delle Scienze (ex Q02), Parco Area delle Scienze, 43124 PARMA

<https://teams.microsoft.com/meet/318255301897477?p=lpKtlHfcjry9ChtFs>

	Cognome	Nome	Tutor	Titolo
14:15	Mkrtchian	Elina	Savio	41° ciclo - LT-STM investigation of NHC-based molecules on Au(111) (remote)
14.30	Bormetti	Marco	Bigi	39° ciclo - Harnessing Photons For Anticancer Nanomedicine And Chemical Photocatalysis
15:00	Cenci	Gloria	Rossi	39° ciclo - <i>In Vitro</i> Evaluation of a Radiosensitizing TMD-based Multicomponent Nanosystem under Low-Energy/Low-Dose X-Ray Irradiation in 2D and 3D Tumor Models.
15:30	Cicconi	Giuditta	Parisini	40° ciclo - Challenges and perspectives in GeO ₂ heteroepitaxy
15:50	Legrottoglie	Giuseppe	Trevisi	39° ciclo - The effectiveness of liquid treatment for the dealkalization of pharmaceutical glass containers
Break				
16:40	Del Basso	Salvatore	Tarabella	40° ciclo - Bio-inspired materials for bioelectronics and unconventional computing
17:00	Dedola	Manuel	Cademartiri	39° ciclo - Nanoparticles In Motion: Modeling, Materials and Applications
17:30	D'Onofrio	Ilenia	D'Angelo	39° ciclo - Advanced Silk Fibroin-Based Systems for Drug Delivery and Controlled Release
18:00	Zangrandi	Alberto	Pedrinì	39° ciclo - Synthesis of microporous polymers with covalently incorporated macrocycles for the development of gas separation membranes

NOTA: sessione riservata a chi finisce l'anno il 31/10

Dottorato di Ricerca in Scienza e Tecnologia dei Materiali

6 ottobre, ore 9.00-13.00

Sala Congressi, plesso aule delle Scienze (ex Q02), Parco Area delle Scienze, 43124 PARMA

<https://teams.microsoft.com/meet/363116439031278?p=Kla7L75wEF80eYvb0i>

	Cognome	Nome	Tutor	Titolo
9:00	Amadori	Sara	Costa	39° ciclo - Advanced Physico-chemical Characterization of Multifunctional Matrials for Water Treatment (remote)
9:30	Vicinelli	Gaia	Sandri	40° ciclo - One Health-Driven Biomimetic and Sustainable Design of Multifunctional Materials for Healthcare Solutions (remote)
9:50	Zanardi	Bartolomeo	Sciti	39° ciclo - TBA
10:20	Marchioni	Maria Chiara	Medri	39° ciclo - Energy and environmental valorisation of sludge from industrial wastewater treatment generated during silicon wafer processing (remote)
Break				
11:10	Gulotta	Pierluigi	Pinalli	40° ciclo - Indicator Displacement Assay in Micellar Confinement for Biomarker Sensing
11:30	De Bellis	Laura	Sciti	39° ciclo - Design of TiB2-Containing Electrically Conductive Structural Ceramics for Severe Environments (remote)
12:00	Venturelli	Sara	Secchi	39° ciclo - TBA
12:30	Fusacchia	Camilla	Adamiano	39° ciclo - Nanostructured Calcium Phosphates for Biomedical Applications: From Nanoparticle-Based Gene-Delivery to Antibacterial Surfaces (remote)

NOTA: sessione riservata a chi finisce l'anno il 31/10

Dottorato di Ricerca in Scienza e Tecnologia dei Materiali

16 ottobre, ore 14.30 – 18:30

Aula Newton, Plesso Fisico, Parco Area delle Scienze, 43124 PARMA

<https://teams.microsoft.com/meet/380399851501535?p=SU89bo3kDgAB3FjPRH>

	Cognome	Nome	Tutor	Titolo
14:30	Bedogni	Matteo	Painelli	40° ciclo - TBA
14:50	Raghavan	Dharshini	Bertucci	40° ciclo - Nanoelectrode Array-Enabled Signal-On Electrochemical CRISPR Diagnostics
15:10	Berto	Alessandro	Casnati	40° ciclo - Calixarene derivatives for therapeutic nucleic acids delivery
15:30	Di Lena	Denise	Bertucci	39° ciclo - Programmable DNA-based Proximity Sensors for Antibody Detection: From Optical to Electrochemical and Amplified Detection Strategies
16:00	Micucci	Chiara	Alessandro Bertucci	41° ciclo - CRISPR-Cas platforms for Tumor Biomarker Detection (remoto)
Break				
16:30	Testa	Riccardo	Massera	40° ciclo - MOF-Based Materials: From Supercapacitor Construction to Polymer Composites
17:00	Ragnoli	Leonardo	Dalcanale	39° ciclo - From ionomers to auxetic polymers: molecular design of functional materials
17:30	Miglioli	Francesca	Dalcanale	39° ciclo - Supramolecular to Covalent Interfacial Design in Composites and Polymer Blends
18:00	Daugaard	Ingrid Adelaide	Dalcanale	40° ciclo - Hydrogen bonding strategy for reprocessable EVA