

Withdrawn contributions

Monday 12th

PM1 Room Pegaso 3 Session: 2D materials for energy applications

Francesco Fumagalli "Self-assembly synthesis of layered, vertically aligned 2D molybdenum trioxide functional scaffolds for host-guest photo-electrochemistry in hybrid organic/inorganic hydrogen evolution device"

PM1 Room Mizar Idra Session: Composites, Light weight materials and sustainability

Alessandro Gandini "The Diels-Alder reaction applied to polymers from renewable resources: thermal reversibility and recyclability"

PM2 Room Cassiopea 2 Session: Materials and processes for environmental protection and sustainability

Gabriella Santagata "Microwave-enhanced extraction of Sodium Alginate from Sargassum seaweeds: from coastal beach polluting wastes to upgraded source of biodegradable film for agricultural applications"

PM2 Room Idra Mizar Session: Biomimetic materials triggering cell phenotype and tissues regeneration

Maria Emanuela Errico "*Rational design of the interface in multiphase materials through a combined chemical, spectroscopic, computational and synthetic approach*"

Tuesday 13th

AM Room Pegaso 2 Session: Oxide and nanomaterials for non-volatile memories

Sergio Pagano "*Nanoscale Superconductive Memories*"

PM1 Room Pegaso 3 Session: Energy storage and water splitting

Domenico Lombardo "*Hybrid Organic-Inorganic Photoelectrochemical Systems: a new class of devices for the Sustainable Conversion of Solar Energy to Fuel*"

PM2 Room Idra - Mizar Session: Nanobiocomposites for in-vitro diagnostics and targeted drug

Fabio di Fonzo "*Effect of charged dendrimers on a model lipid membrane*"

Wednesday 14th

AM room Cassiopea 2 Session: Smart surfaces and functionalization

Piero Morales "DNA templated selfassembly of bio-inorganic devices"

AM Room Pegaso 2 Session: Growth and synthesis of 2D materials

Angela Fiore "*High-Quality Ultrathin Molybdenum Disulfide Nanocrystals with Tunable Sizes*"

PM1 Room Mizar - Idra Session: Nanobiocomposites for in-vitro diagnostics and targeted drug

Lorenza Suber "*New silver-thiolate nanoclusters: preparation and properties*"

Thursday 15th

AM room Cassiopea 2 Session: Smart surfaces and functionalization

Nicola Doebelin "Recent developments in calcium phosphate cements for bone graft substitution"

AM Room Pegaso 2 Session: Electronic/optical/magnetic/quantum properties of 2D materials

Andrea D'Andrea "Upwind exciton-polariton propagation in hybrid photonic crystals"

AM Room Cassiopea 1 Session: Magnetic materials for medicine

Davide Peddis "*Designing Magnetic Nanomaterials for Biomedical Applications*"

AM Room Cassiopea 2 Session: Organic electronics

Daniele Iadicicco "*Mechanically robust ceramic encapsulation as ultralow moisture permeation barrier*"

PM2 Room Cassiopea 1 Session: Photovoltaics

Nicola Sangiorgi "*Molecular Imprinting Technology applied into photoelectrochemical device*"

PM2 Room Cassiopea 1 Session: Photovoltaics

Raffaello Mazzaro "*Solar energy conversion performed by solution-processed silicon nanocrystals*"

PM2 Room Mizar-Idra Session: Chemistry and functionalization of 2D materials

Chiara Ingrosso "*New functional hybrid materials based on graphene decorated with colloidal nanoparticles*"

Friday 16th

AM Room Cassiopea 2 Session: Active packaging materials

Gianluigi Mauriello *“Everything you always wanted to know about antimicrobial food packaging, but were afraid to ask”*

AM Room Pegaso 2 Session: Fuel cells

Gianpaolo Salvador *“Nitrogen-doped carbon aerogels as electrodes for oxygen reduction in microbial fuel cells: a green approach”*

AM Room Cassiopea 1 Session: Nanobiocomposites for in–vitro diagnostics and targeted drug

Alfonso Maria Ponsiglione *“Perspectives in the design of polymer-based MRI contrast agents”*

Additional contributions

Regina Ciancio *“Unveiling the fine structure of catalytic TiO₂ anatase thin films”*

Monday 12th, PM2 Room Cassiopea 2 Session: Materials and processes for environmental protection and sustainability

Claudio Sangregorio *“H-Ferritin-based Multifunctional Nanoparticles: A Smart Theranostic Platform”*

Thursday 15th, AM1 Room Cassiopea 1 Session: Magnetic materials for medicine

Day/time and type of presentation variations

Fausta Loffredo *“Inkjet printing of an aqueous graphene suspension for sensing applications”*

Moved from Tuesday 13th PM1 to Wednesday 14th PM1 Room Cassiopea 2 Session: Printed electronics

Pietro Guido Gucciardi *“SERS detection of Biomolecules at Physiological pH via aggregation of Gold Nanorods mediated by Optical Forces”*

Wednesday 14th, Room Idra Mizar Moved from AM to PM1 Session: Nanobiocomposites for in–vitro diagnostics and targeted drug

Antonio Imparato *“Screen printed ITO-free flexible OLED devices”* from Oral presentation in Session Printed electronics on Wednesday 14th PM1 to Poster on the same day

Oreste De Luca "*Investigation of Zinc(II) tetraphenylporphyrin adsorption on Au(111) and graphene/Cu surfaces: from monolayer to multilayer transition*" moved from Session Growth and synthesis of 2D materials on Wednesday 14th AM, Room Pegaso 3 to Session Chemistry and functionalization of 2D materials on Thursday 15th, PM2 Room Idra Mizar

Antonietta Taurino "*Structural-chemical assessment and electro-optical investigation on InAs/AlGaAs quantum dot structures for Enlarged Bandgap Intermediate Band Solar Cells*" Poster moved from Thursday 15th to Wednesday 14th

Roberto Mosca "*Influence of the bromide content on the properties of CH₃NH₃PbI(3-x)Br_x perovskite films*" Poster moved from Thursday 15th to Wednesday 14th

Sabrina Conoci "*A novel hybrid Graphene oxide nanomaterial: photoreleasing nitric oxide*" moved from Session Stimuli responsive materials on Tuesday 13th PM1 Room Cassiopea 1 to Session Chemistry and functionalization of 2D materials on Thursday 15th, PM2 Room Idra Mizar

Anna Tampieri "New magnetic bioactive nanoparticles: a new platform for nanomedicine" moved from Friday 16th, AM to Thursday 15th, AM Room Cassiopea 1 Session Magnetic materials for medicine

Simone Dozio "Novel superparamagnetic iron-doped hydroxyapatite nanoparticles to direct cellular fate" moved from Thursday 15th, AM to Friday 16th, AM Room Cassiopea 1 Session Magnetic materials for medicine

Author's name change

Patrizia Cinelli replaces Maria Cristina Righetti "*Constrained Amorphous Interphase and Mechanical Properties of Bio-Based Polyesters: Polyhydroxyalkanoates*" Monday 12th, PM1 Room Cassiopea 2 Session: Materials and processes for environmental protection and sustainability

Jacopo Frascaroli replaces Stefano Brivio "*Switching features of Al-doped HfO₂ RRAM: role of oxide non homogeneities*" Monday 12th, PM2 Room Pegaso 2 Session: Oxide and nanomaterials for non-volatile memories

Vincenzo Palermo replaces Manuela Melucci "*Tailored polysulfone-graphene oxide composites for water remediation*" Tuesday 13th, PM2 Room Cassiopea 1 Session: Materials and processes for environmental protection and sustainability

Silvia Deambrosis replaces Valentina Zin "*Nitride films produced via HiPIMS for extreme conditions*" Thursday 15th, PM2 Room Pegaso 3 Session: Materials under extreme conditions and ultra-fast transitions

Matteo Vanazzi replaces Daniele Iadicco "*High performance alumina based tritium permeation barrier coatings*" Thursday 15th, PM2 Room Pegaso 3 Session: Materials under extreme conditions and ultra-fast transitions

Gian Paolo Suranna replaces Roberto Grisorio “*Sharpening the Suzuki cross-coupling reaction conditions for well-defined organic electronics polymers*”
Thursday 15th Poster session

Antonio Vinci replaces Simone Failla “*Electrophoretic deposition of dispersion ZrB₂ and SiC powder on woven carbon fiber for the processing of novel UHTCMCs*”
Thursday 15th Poster session

Carlo Fanciulli replaces Laura Merotto “*Portable Thermoelectric Power Generation based on Catalytic Combustor for Low Power Electronic Equipment*”
Thursday 15th Room Cassiopea 2 Session: Thermoelectrics

Olivia Pulci replaces Maria Stella Prete “*Two dimensional Nitrides: an ab-initio study*”
Thursday 15th AM Room Pegaso 2 Session: Electronic/optical/magnetic/quantum properties of 2D materials

Massimo Longo replaces Alessandro Molle “*Cs impurities and metal-insulator transition in MoS₂ natural crystals*”
Thursday 15th AM Room Pegaso 2 Session: Electronic/optical/magnetic/quantum properties of 2D materials

Chiara Gangemi replaces Giuseppe Trusso Sfrassetto “*Memory-Driven Order-Disorder Transition of 3D-Supramolecular Architecture Based on Calix[5]arene and Porphyrin Derivatives in Solid Polymeric Matrix*”
Tuesday 13th Poster session

Marta Madaghiele replaces Alessandro Sannino “*Collagen-based scaffold micro patterning to induces morphogenetic pathways regulation in adult nerve regeneration*”
Monday 12th Room Miza - Idra Session: Biomimetic materials triggering cell phenotype and tissues regeneration

Chairman change

The chairman of the session “Biomimetic materials triggering cell phenotype and tissues regeneration” on Tuesday 13th AM, Room Mizar - Idra, will be Matteo Santin instead of Michele Iafisco

The chairman of the session “Smart surfaces and functionalization” on Tuesday 13th PM2, Room Cassiopea 2, will be Alessio Adamiano instead of Massimiliano Dapporto

The chairman of the session “Biological applications of 2D materials” on Thursday 15th AM, Room Mizar - Idra, will be Vittorio Morandi instead of Vincenzo Palermo

The chairman of the session “Active packaging materials” on Friday 16th AM, Room Cassiopea 2, will be Cosimo Carfagna instead of Luigi Ambrosio