

**Annex - MRF All Submitted Proposals Calls Direct Access 2024**

<b>GP number</b>	<b>MRF</b>	<b>Days</b>	<b>Title</b>	<b>Institution</b>	<b>Case Study - Societal Challenge</b>
2024001	SEM with correlative AFM	3	<i>Material characterization for high-gradient radio-frequency accelerating structure using SEM-EDX</i>	INFN-LNF	Materials
2024002	Dynamic Mechanical Analyzer	2	<i>Material characterization for high-gradient radio-frequency accelerating structure using Dynamical Mechanical Analysis</i>	INFN-LNF	Materials
2024003	XRD TOMOGRAPHY	5	<i>Characterisation of the degree of damage by neutron induced single-event effects on Heartmate 3 Ventricular Assist Device by means of X-Ray tomography</i>	Università Rome Tor Vergata Niguarda	Health/Bioscience
2024004	SEM with correlative AFM	5	<i>Characterisation of the degree of damage by neutron induced single-event effects on Heartmate 3 Ventricular Assist Device by means of SEM measurements</i>	Università Rome Tor Vergata Niguarda	Health/Bioscience
2024005	TEM High Resolution	4	<i>TEM investigation of NiMnTi melt spun ribbons for elastocaloric applications</i>	Hospital CNR - ICMATE	Materials
2024006	SEM with correlative AFM	3	<i>Morphological characterisation and compositional analysis of SiCa based Bioglasses using SEM- EDX</i>	Università Campus Bio-Medico di Roma	Health/Bioscience
2024007	NMR 600 MHz	2	<i>The use of NMR spectroscopy to characterize phantom materials for neutron therapy</i>	University of Rome Tor Vergata	Materials
2024008	SEM with correlative AFM	3	<i>Characterisation of surgically removed vitreous humor samples by SEM measurements</i>	IRCCS Fondazione G.B. Bietti	Materials
2024009	SEM with correlative AFM	2	<i>Archaeometric study of iron ingots from the North Arabian oasis of Dumat al-Jandal, Saudi Arabia</i>	University of Naples Orientale	Cultural Heritage
2024010	AFM Raman	4	<i>Understanding ritual practices in Neolithic Saudi Arabia on horn sheaths from Mustatils using Raman spectroscopy</i>	Institut Català de Arqueologia	Health/Bioscience
2024011	Fluorescence Microscopy	1	<i>Understanding ritual practices in Neolithic Saudi Arabia on horn sheaths from Mustatils using Fluorescence Microscopy</i>	Institut Català de Arqueologia	Health/Bioscience
2024012	TEM FEI	6	<i>Characterisation of carbon nanotube network structure in nanocomposites resolved by TEM measurement</i>	University of Rome Tor Vergata	Cultural Heritage
2024013	AFM Raman	3	<i>Continuation of Nanofibers from textiles: determining photo-degradation induced physicochemical modification of natural and synthetic fibers surface by AFM-RAMAN</i>	University of Milano-Bicocca	Health/Bioscience
2024014	SEM with correlative AFM	3	<i>SEM-EDS analysis of nails from different antique shipwrecks in the Mediterranean</i>	Université de Genève	Health/Bioscience

2024015	Cryogenic Electron Microscopy	3	<i>Cryo-TEM characterization of fluorinated lipid nanoparticles</i>	Politecnico di Milano	Materials
2024016	SAXS GISAXS	2	<i>Investigation of the architecture of agarose-based hydrogels prepared by controlled rate of cooling - AGAROCOOL</i>	Università degli Studi di Trieste	Health/Bioscience
2024018	Fluorescence Microscopy	2	<i>Characterisation of surgically removed human vitreous samples by second harmonic generation microscopy measurements</i>	IRCCS Fondazione G.B. Bietti	Materials
2024019	SEM with correlative AFM	4	<i>Space aging of shape memory polymer composites for non-explosive actuators</i>	University of Rome Tor Vergata	Health/Bioscience
2024020	Confocal Microscope 3	4	<i>Investigating Thermal Stability and Cellular Internalization Pathways of SARS-CoV-2 mRNA Vaccine</i>	IRCCS Mario Negri	Cultural Heritage
2024021	Dynamic Mechanical Analyzer	3	<i>DMA characterization of CNT-based surface composites for sensors applications</i>	Roma Tre University	Materials
2024022	TEM JEOL	4	<i>Carbon Quantum Dots from hydrothermal sustainable approaches: a TEM morphological insight</i>	CNR	ICT/Security
2024023	TLM platform	5	<i>Placenta-On-Chip: modeling the trophoblast-stroma crosstalk using time-lapse microscopy brightfield imaging and machine learning analysis</i>	University of Rome Tor Vergata	Health/Bioscience
2024024	TEM JEOL	3	<i>Characterisation of polyacrylic acid-stabilised amorphous magnesium-calcium phosphate nanoparticles through transmission electron microscopy</i>	University of Florence & CSGI	Health/Bioscience
2024025	Raman Confocal Microscope	3	<i>Investigating the Source of Imperfections in Forged Brass Items Using Raman Confocal Microscopy</i>	CONSORZIO PHYSIS SRL SB	Cultural Heritage
2024026	SEM ZEISS SIGMA	3	<i>Investigating the Source of Imperfections in Forged Brass Items Using Scanning Electron Microscopy</i>	CONSORZIO PHYSIS SRL SB	Cultural Heritage
2024027	XRD TOMOGRAPHY	4	<i>Bacterial cellulose/graphene oxide hybrids: structural characterization by XRD tomography</i>	University of Naples	Health/Bioscience
2024028	SAXS WAXD	4	<i>Bacterial cellulose/graphene oxide hybrids: structural characterization by SAXS WAXD</i>	University of Naples	Health/Bioscience
2024029	SEM FEI	3	<i>Morphological characterization of sustainable coatings containing antimicrobial nanoparticles applied on different kind of textiles for personal protective equipment (PPE)</i>	Next Technology Tecnotessile	Materials
2024030	SEM FEI	3	<i>SEM FEI morphological analysis of polyninylalcohol/polyacrylic acid/2D filler nanocomposites</i>	Skopje University	Materials

2024031	SAXS WAXD	4	<i>SAXS WAXD structural analysis of polyninylalcohol/polyacrylic acid/2D filler nanocomposites</i>	Skopje University	Materials
2024032	SEM FEI	3	<i>Bacterial cellulose/graphene oxide hybrids: morphological characterization by SEM FEI</i>	University of Naples	Materials
2024033	XRD TOMOGRAP HY	3	<i>Characterisation of the degree of damage by neutron induced single-event burnout failure in SiC MOSFET by means of X-Ray tomographv</i>	STMicrocele ctronics	Health/Bioscie nce
2024034	XRD TOMOGRAP HY	2	<i>3D printable eco-sustainable composites containing marble dust waste</i>	University of Florence	Health/Bioscie nce
2024035	ESCALB QXi	3	<i>Investigation of alginate composites containing clay nanotubes</i>	University of Florence	Materials
2024036	TEM High Resolution	3	<i>Study of the alignment of halloysite nanotube in alginate wires</i>	University of Florence	ICT/Security
2024037	FIB-SEM GAIA 3	3	<i>SEM-EDS investigation, micromanipulation and FIB machining of microsided bismuth sulphates</i>	University of Milano- Bicocca	Materials
2024038	Multipurpose X-Ray diffractometer	3	<i>Exploring environmental dynamics in ancient remains before and after the last glacial maximum using X-ray Diffraction</i>	Università di Firenze	Environment
2024039	SAXS GISAXS	3	<i>Exploring environmental dynamics in ancient remains before and after the last glacial maximum using SAXS and WAXS</i>	Università di Firenze	Health/Biosc ience
2024040	FT-IR Nicolet	2	<i>Exploring environmental dynamics in ancient remains before and after the last glacial maximum using FT-IR measurements</i>	Università di Firenze	Environment
2024041	Mass Spectrometer 2	3	<i>Exploring environmental dynamics in ancient remains before and after the last glacial maximum using mass spectrometry measurements</i>	Università di Firenze	Cultural Heritage
2024042	DNA Sequencing NGS	8	<i>Exploring environmental dynamics in ancient remains before and after the last glacial maximum using aDNA sequencing</i>	Università di Firenze	Cultural Heritage
2024043	SEM&C-AFM with Optical Profiler	3	<i>Study of TArget Resistance to damaGE and contamination (TARGET) by means SEM and profilometry measurements</i>	University of Rome Tor Vergata	Materials
2024044	RETINA	3	<i>Study of TArget Resistance to damaGE and contamination (TARGET) by means XCT and XRF measurements</i>	University of Rome Tor Vergata	Materials
2024045	AFM Raman with Optical Profiler	3	<i>Investigating the Corrosive Impact of Chrome-Tanned Semi aniline Calf Leather using RAMAN Spectroscopy and Profilometry</i>	CONSORZI O PHYSIS SRL SB	Materials
2024046	ESCALB QXi	4	<i>Investigating the Corrosive Impact of Chrome-Tanned Semi aniline Calf Leather using X-ray Photoelectron Spectroscopy (XPS) and Ion Scattering Spectroscopy (ISS)</i>	CONSORZI O PHYSIS SRL SB	Materials

2024047	FT-IR Nexus	1	<i>Investigating the Corrosive Impact of Chrome-Tanned Semi aniline Calf Leather using FT-IR Spectroscopy</i>	CONSORZI O PHYSIS SRL SB	Materials
2024048	SEM&C-AFM with Optical Profiler	3	<i>Investigating the Corrosive Impact of Chrome-Tanned Semi aniline Calf Leather using SEM with correlative EDX</i>	CONSORZI O PHYSIS SRL SB	Materials
2024049	XRD TOMOGRAP HY	1	<i>Ancient DNA analysis of a Neolithic human tooth from eastern Sicily XRD TOMOGRAPHY: insights and implications</i>	miuseo e Istituto Fiorentino di Preistoria	Cultural Heritage
2024050	SAXS GISAXS	1	<i>Ancient DNA analysis of a Neolithic human tooth from eastern Sicily with SAXS GISAXS: insights and implications</i>	Istituto Fiorentino di Preistoria	Cultural Heritage
2024051	DNA Sequencing NGS	5	<i>Ancient DNA analysis of a Neolithic human tooth from eastern Sicily using NGS: insights and implications</i>	Istituto Fiorentino	Cultural Heritage
2024052	SAXS GISAXS	2	<i>Training on the use of SAXS-GISAX to investigate Polyethylene-Single Wall Carbon Nanotubes composite</i>	University of Rome Tor Vergata	Energy
2024053	DNA Sequencing NGS	5	<i>Ancient DNA analysis in a Late Bronze age human child from Doghauri burial ground (Georgia), affected by tuberculosis</i>	Foscari University Venice	Cultural Heritage
2024054	ESCALB QXi	1	<i>Training on X-ray Photoelectron Spectroscopy (XPS) with ESCALAB QXi X-Ray Photoelectron Spectrometer</i>	CONSORZI O PHYSIS SRL SB	Training
2024055	SEM&C-AFM with Optical Profiler	3	<i>Silver diffusion in GlydcoP grain boundaries for ultra high vacuum applications</i>	Cecom Srl,	Materials
2024056	SEM ZEISS GEMINI	1	<i>Test of radiation hardness and material degradation of boron GEM foils using SEM ZEISS GEMINI</i>	CNR - ISTP	ICT/Security
2024057	SOURIRE	1	<i>Test of radiation hardness and material degradation of boron GEM foils at the SOURIRE Neutron Source</i>	CNR - ISTP	ICT/Security
2024058	SEM&C-AFM with Optical Profiler	2	<i>How optical and electron microscopies can help investigating radiation-damaged electronic devices</i>	University of Rome Tor Vergata	Training
2024059	RETINA	2	<i>Investigating the Corrosive Impact of Chrome-Tanned Semi aniline Calf Leather using XRF</i>	CONSORZI O PHYSIS SRL SB	Materials
2024060	SEM&C-AFM with Optical Profiler	3	<i>Continuation of Morphological characterisation and compositional analysis of SiCa based Bioglasses using SEM-EDX</i>	Università Campus Bio-Medico di Roma	Materials
2024061	Confocal Microscope 3	1	<i>Study of the bonding of a Diamond detector matrix with the CONFOCAL MICROSCOPE</i>	CNR - ISTP	Energy
2024062	SOURIRE	1	<i>Characterisation of a Diamond detector matrix at the SOURIRE Neutron Source</i>	CNR - ISTP	ICT/Security
2024063	FT-IR Nicolet	3	<i>IR spectroscopic analysis of electropolymerized Corroles</i>	Sapienza Università	Materials
2024064	RETINA	4	<i>Ion Migration Studies in Polymer Electrolyte Membranes Fuel Cells</i>	Politecnico di Milano	Energy

2024065	SEM ZEISS SIGMA	2	<i>Training on Scanning electron Microscopy with SEM ZEISS SIGMA</i>	CONSORZIO PHYSIS SRL SB	Training
2024066	SEM&C-AFM with Optical Profiler	3	<i>Advanced Analysis of Surface and Composition Variations in Treated Brass Samples with Scanning Electron microscopy (SEM) and Profilometry</i>	CONSORZIO PHYSIS SRL SB	Materials
2024067	ESCALB QXi	3	<i>Advanced Analysis of Surface and Composition Variations in Treated Brass Samples with ESCALAB QXi (XPS)</i>	CONSORZIO PHYSIS SRL SB	Materials
2024068	SEM FEI	2	<i>SEM characterization of EoL fibers, and recycled non-wovens and compounds</i>	Next Technology Tecnotessile	Materials
2024069	SAXS WAXD	3	<i>SAXS/WAXD characterization of EoL fibers, and recycled non-wovens and compounds</i>	Next Technology Tecnotessile	Materials
2024070	AFM BIO	2	<i>Study of morphological changes of soft responsive microgels at solid interfaces through Atomic Force Microscopy</i>	ENEA	Health/Bioscience
2024071	SAXS GISAXS	2	<i>Study of morphological changes of soft responsive microgels at solid interfaces using SAXS GISAXS</i>	ENEA	Health/Bioscience
2024072	SAXS GISAXS	2	<i>SAXS characterisation of inks based on carbon black/Prussian Blue nanocomposites for paper-based electrochemical (bio)sensors</i>	University of Rome Tor Vergata	Materials
2024073	TEM High Resolution	2	<i>High resolution TEM characterization of metallic nanoparticles supported on perovskite oxides as electrocatalysts for water splitting</i>	ENEA	Energy
2024074	SEM ZEISS SIGMA	1	<i>FE-SEM characterisation of paper-based electrochemical (bio)sensors based on carbon black/Prussian Blue nanocomposites inks</i>	University of Rome Tor Vergata	Health/Bioscience
2024075	TEM FEI	2	<i>TEM characterisation of inks based on carbon black/Prussian Blue nanocomposites for paper-based electrochemical (bio)sensors</i>	University of Rome Tor Vergata	Materials
2024076	RETINA	1	<i>A multidisciplinary proteomic study of the unique ancient Homo cepranensis petrous bone using RETINA</i>	Sovrintendenza	Cultural Heritage
2024077	Mass Spectrometer 2	2	<i>A multidisciplinary proteomic study of the unique ancient Homo cepranensis petrous bone using Mass Spectrometer instrument</i>	Sovrintendenza	Cultural Heritage
2024078	DNA Sequencing NGS	7	<i>A multidisciplinary aDNA study of the unique ancient Homo cepranensis petrous bone</i>	Sovrintendenza	Cultural Heritage
2024079	DNA Sequencing NGS	5	<i>Reconstruction of the family relationships, kinship and lineage from Bronze Age collective burials from lake Sevan basin (Armenia)</i>	Armenian State Pedagogical University	Cultural Heritage

2024080	DNA Sequencing NGS	5	<i>Inhumated graves from the eastern Venetic necropolis in Padua: a case study</i>	Foscari University Venice	Cultural Heritage
2024081	XRD TOMOGRAPHY	1	<i>Training on XRD TOMOGRAPHY (CNR-IPCB)</i>	CONSORZIO PHYSIS	Training
2024082	XRD TOMOGRAPHY	4	<i>Wire bending and adhesion investigation with XRD TOMOGRAPHY (CNR-IPCB)</i>	CONSORZIO PHYSIS SRL SB	Materials
2024083	Fluorescence Microscopy	1	<i>Fluorescence Microscopy investigation of Polyurethane-Single Wall Carbon Nanotubes composite</i>	University of Rome Tor Vergata	Energy
2024084	FT-IR Nexus	3	<i>In-depth analysis of ancient DNA from sub-fossil bones of pink iguana from Galápagos islands using FT-IR spectroscopy</i>	University of Rome Tor Vergata	Health/Bioscience
2024085	DNA Sequencing NGS	5	<i>In-depth analysis of ancient DNA from sub-fossil bones of pink iguana from Galápagos islands using DNA sequencing</i>	University of Rome Tor Vergata	Health/Bioscience
2024086	Raman Confocal Microscope	3	<i>Advanced Analysis of Surface and Composition Variations in Treated Brass Samples with Raman Confocal Microscope</i>	CONSORZIO PHYSIS SRL SB	Materials
2024087	SEM&C-AFM with Optical Profiler	2	<i>Archaeometric study of iron ingots from the North Arabian oasis of Dumat al-Jandal using SEM- EDX</i>	University of Naples Orientale	Cultural Heritage
2024088	AFM Raman with Optical Profiler	2	<i>AFM/Raman &amp; TERS Training for the Biophysics Research Group of UNIMIB</i>	Università degli Studi di Milano-Bicocca	Training
2024089	AFM Raman with Optical Profiler	1	<i>Optical profilometry experiments on two-photon polymerized microlenses</i>	Università degli Studi di Milano-Bicocca	Health/Bioscience
2024090	SEM&C-AFM with Optical Profiler	4	<i>SEM-EDX characterization of polymeric dosimeters for fast neutrons</i>	L.B. Servizi per le Aziende S.r.l.	Health/Bioscience
2024091	DNA Sequencing NGS	5	<i>Exploring the presence of aurochs from the prehistoric period to medieval times using ancient DNA</i>	Royal Belgian Institute of Natural Sciences	Cultural Heritage
2024092	Multipurpose X-Ray diffractometer	5	<i>In situ powder X-ray diffraction of flexible metal-organic frameworks during gas adsorption</i>	University of Pisa	Materials
2024093	ESCALB QXi	2	<i>Steel alloys behaviours to corrosion testing for metal accessories quality control with ESCALAB QXi (XPS)</i>	CONSORZIO PHYSIS SRL SB	Materials
2024094	MONeutron	90	<i>A power transistor monitor to record high energy neutrons</i>	STMicroelectronics	ICT/Security
2024095	AFM Raman with Optical Profiler	2	<i>Raman determination of molecular composition of industrial-grade polymers for medical applications</i>	STFC	Health/Bioscience

2024096	TEM FEI	5	<i>TEM characterization of water dispersed fluorine-free polymer based nanoparticles</i>	CROMOGE NIA UNIT	Environment
2024097	XRD TOMOGRAPHY	5	<i>Analysis of the distribution and morphology of hydrophobic/oleophobic coatings onto textiles by XRD tomography</i>	CROMOGE NIA UNIT	Materials
2024098	SAXS WAXD	3	<i>Structural characterization of hydrophobic/oleophobic coatings by SAXS WAXD</i>	CROMOGE NIA UNIT	Materials
2024099	SEM&C-AFM with Optical Profiler	3	<i>Morphological characterization of hydrophobic/oleophobic nanoparticles and coatings by SEM@C-AFM</i>	CROMOGE NIA UNIT	Materials
2024100	X-Ray diffractometer	5	<i>Porous organic materials for CO2 separation from gaseous mixtures</i>	University of Pavia	Environment
2024101	FT-IR Nexus	1	<i>Stripping of surface treatments from ABS/metal composites: an FT-IR investigation</i>	CONSORZIO PHYSIS SRL SB	Materials
2024102	SEM ZEISS SIGMA	2	<i>Steel alloys behaviours to corrosion testing for metal accessories quality control with SEM ZEISS SIGMA</i>	CONSORZIO PHYSIS SRL SB	Materials
2024103	SEM ZEISS SIGMA	2	<i>Stripping of surface treatment from ABS articles investigation with SEM ZEISS SIGMA</i>	CONSORZIO PHYSIS SRL SB	Materials
2024104	SEM ZEISS SIGMA	2	<i>Wire bending and adhesion investigation with SEM ZEISS (Scanning Electron Microscopy)</i>	CONSORZIO PHYSIS SRL SB	Materials
2024105	DNA Sequencing NGS	5	<i>Genomic Analysis of an Iron Age Horse: Insights into Ancient Equine Genetics and Modern Conservation Implications</i>	University of Perugia	Cultural Heritage
2024106	SEM FEI	4	<i>Multi-instrumental characterization of Oniscidean isopods for establish the nature and function of their cuticle and tubercles: SEM-EDX measurements</i>	University of Rome Tor Vergata	Health/Bioscience
2024107	XRD TOMOGRAPHY	5	<i>Multi-instrumental characterization of Oniscidean isopods to establish the nature and function of their cuticle and tubercles: XCT measurements</i>	University of Rome Tor Vergata	Health/Bioscience
2024108	Raman Confocal Microscope	3	<i>Multi-instrumental characterization of Oniscidean isopods to establish the nature and function of their cuticle and tubercles: Raman measurements</i>	University of Rome Tor Vergata	Cultural Heritage
2024109	FT-IR Nexus	3	<i>Multi-instrumental characterization of Oniscidean isopods to establish the nature and function of their cuticle and tubercles: FTIR measurements</i>	University of Rome Tor Vergata	Environment
2024110	Multipurpose X-Ray diffractometer	3	<i>Multi-instrumental characterization of Oniscidean isopods to establish the nature and function of their cuticle and tubercles: XRD measurements</i>	University of Rome Tor Vergata	Cultural Heritage
2024111	TEM FEI	2	<i>Multi-instrumental characterization of Oniscidean isopods to establish the nature and function of their cuticle and tubercles: TEM measurements</i>	University of Rome Tor Vergata	Cultural Heritage

2024112	AFM	3	<i>Training on the use of AFM for morphological analysis of amyloids fibrils</i>	University of Milano-Bicocca	Training
2024113	DNA Sequencing NGS	5	<i>Genetic characterization of the Medieval community of Santa Severa</i>	Polo Museale Civico di Santa Marinella Italian	Cultural Heritage
2024114	TEM High Resolution	4	<i>Advanced Nanoparticle Probes for Early Disease Detection in Biofluids</i>	National Research Council San	Health/Bioscience
2024115	AFM	3	<i>Stiffness characterization of pancreatic ductal adenocarcinoma tissue</i>	Raffaele Scientific Institute	Health/Bioscience
2024116	TEM FEI	3	<i>TEM characterization of innovative graphene-based inks for multifunctional applications</i>	GrapheneUP SE	Materials
2024117	SEM FEI	2	<i>SEM characterization of innovative graphene-based inks for multifunctional applications</i>	GrapheneUP SE	Materials
2024118	SAXS WAXD	3	<i>SAXS WAXD characterization of innovative graphene-based inks for multifunctional applications</i>	GrapheneUP SE	Materials
2024119	Raman Confocal Microscope	3	<i>RAMAN confocal microscopy characterization of innovative graphene-based inks for multifunctional applications</i>	GrapheneUP SE	Materials
2024120	TEM High Resolution	3	<i>Morphological and microanalytical characterization of electronspun porous high-entropy spinel oxide nanofibers containing the following ions: Fe, Co, Ni, Zn, and Nd</i>	CNR SCITEC	Materials
2024121	SEM ZEISS GEMINI	3	<i>Identification and characterization of the size and shape of biodegradable microplastics in contaminated honey bees through SEM/EDX</i>	Università Cattolica del Sacro Cuore	Health/Bioscience
2024122	AFM	3	<i>Nanomechanical characterization of healthy and pathological lymphoid tissue</i>	Università Vita-Salute San Raffaele	Health/Bioscience
2024123	FIB-SEM GAIA 3	4	<i>Ca-Mg-Fe carbonates alteration of basalts at Sverrefjellet Volcano (Svalbard, Norway)</i>	Trinity College Dublin	Materials
2024124	FIB-SEM GAIA 3	3	<i>SEM imaging, FIB manipulation and TEM characterization of mineralized granules ("spherites") found in the honeybees' midgut</i>	University of Milano-Bicocca	Health/Bioscience
2024125	Mass Spectrometer 2	10	<i>Assessing interaction of alpha-synuclein with copper</i>	University of Milano-Bicocca	Materials



2024126	Mass Spectrometer 2	10	<i>Characterization of Protein Folding Intermediates of the Cellular Prion Protein by Native Mass Spectrometry</i>	University of Trento	Health/Bioscience
2024127	Mass Spectrometer 2	10	<i>Self-assembling peptidonucleic acids as novel biomaterials for tissue engineering</i>	Fondazione IRCCS Casa Sollievo della Sofferenza	Health/Bioscience
2024128	ESCALB QXi	5	<i>Hydrothermal Sustainable Approaches for the Preparation of Carbon Quantum Dots: an XPS Insight into the Effect of Different Carbon Sources</i>	University of Milano-Bicocca	Materials
2024129	Spectrofluorimeter	5	<i>Hydrothermal Sustainable Approaches for the Preparation of Carbon Quantum Dots: an Insight into the Effect of Different Carbon Sources on the Photo-Emission Behavior</i>	CNR	Materials
2024130	Fluorescence Microscopy	5	<i>Hydrothermal Sustainable Approaches for the Preparation of Carbon Quantum Dots: a Photo-Physical Insight into the Effect of Different Carbon Sources</i>	CNR	Materials
2024131	NMR 600 MHz	3	<i>Study of the chemical and structural characteristics of biodegradable microplastics in contaminated honey bees through NMR spectroscopy</i>	Università Cattolica del Sacro Cuore	Environment
2024132	Raman Confocal Microscope	1	<i>Stripping of surface treatment from ABS articles investigation with confocal RAMAN microscopy</i>	CONSORZIO PHYSIS SRL SB	Materials
2024133	RETINA	3	<i>Characterization of Silicon Avalanche Photon Detectors (APD) for X-ray Fluorescence analysis</i>	RAYLAB	Materials
2024134	X-Ray diffractometer	5	<i>Powder X-ray Diffraction experiment on MOF</i>	University of Turin	Environment
2024135	SEM ZEISS GEMINI	2	<i>Fiber fractography of climbing ropes</i>	Politecnico di Milano	Materials
2024136	ESCALB QXi	3	<i>Study of the interactions occurring between halloysite nanotubes and sodium hexametaphosphate in alginate biocomposites towards the preparation of anisotropic structures</i>	University of Florence	Health/Bioscience
2024137	TEM High Resolution	2	<i>Effect of laser irradiation on soot nanostructure</i>	CNR	Materials
2024138	SAXS GISAXS	3	<i>Biogeochemical Multi-Instrumental Study of Rocks and Microbial Biomass in Zechstein Salt Deposits of Boulby using SAXS GISAXS</i>	University of Edinburgh	Environment

2024139	RETINA	4	<i>Biogeochemical Multi-Instrumental Study of Rocks and Microbial Biomass in Zechstein Salt Deposits of Boulby using RETINA</i>	University of Rome Tor Vergata	Environment
2024140	TEM High Resolution	4	<i>Innovative strategies for Improving the pinning efficiency of YBCO thin films</i>	ENEA	Materials
2024141	Multipurpose X-Ray diffractometer	2	<i>Biogeochemical Multi-Instrumental Study of Rocks and Microbial Biomass in Zechstein Salt Deposits of Boulby using the Multipurpose X-ray Diffractometer</i>	University of Rome Tor Vergata	Cultural Heritage
2024142	Gas Chromatography	2	<i>Biogeochemical Multi-Instrumental Study of Rocks and Microbial Biomass in Zechstein Salt Deposits of Boulby using Gas Chromatography – Ion Mobility Spectrometer</i>	Teesside University	Health/Bioscience
2024143	SEM&C-AFM with Optical Profiler	2	<i>Surface characterization of amorphous GaN and GaP thin films deposited by magnetron sputtering</i>	University of Rome Tor Vergata	Materials
2024144	Mass Spectrometer 2	2	<i>Biogeochemical Multi-Instrumental Study of Rocks and Microbial Biomass in Zechstein Salt Deposits of Boulby using the Mass Spectrometer 2</i>	University of Rome Tor Vergata	Environment
2024145	FIB-SEM GAIA 3	3	<i>Thallium and As in sphalerite from Raibl mine (NE Italy): Nano-inclusions or Zn-vicariant?</i>	Università di Trieste	Environment
2024146	DNA Sequencing NGS	5	<i>Biogeochemical Multi-Instrumental Study of Rocks and Microbial Biomass in Zechstein Salt Deposits of Boulby using DNA Sequencing NGS</i>	University of Rome Tor Vergata	Health/Bioscience
2024147	AFM	6	<i>Exploring surface-induced mechanical forces and macrophage behaviour for microscale interactions with substrate topography</i>	Humanitas university	Health/Bioscience
2024148	Confocal Microscope 2	5	<i>Investigation of the early-stage interaction between bacterial cells and antimicrobial surfaces</i>	University of Bari Aldo Moro	Health/Bioscience
2024149	SEM ZEISS GEMINI	3	<i>Geochemical composition and microfeatures of single detrital biotite and carbonate grains in the provenance study of the Bengal Fan turbidites (IODP Expedition 354).</i>	CNRS	Environment
2024150	TEM JEOL	3	<i>HRTEM,STEM and STEM EDX Noble metal nanoparticles (NPs) supported on 3D metal/metal oxide framework Characterization</i>	CNR SCITEC	Energy
2024151	AFM	5	<i>Investigating microbial colonization and removal on bioinspired wrinkled surfaces</i>	Humanitas University	Health/Bioscience
2024152	TEM High Resolution	3	<i>Influence of pyrolysis conditions on the Mn-incorporated Fe-N-Cs</i>	University of Milano-Bicocca	Energy

2024153	XRD TOMOGRAPHY	5	<i>Multi-instrumental characterization of primate baculum and baubellum bone tissues to support functional hypotheses: nanometric QCT measurement</i>	Università Roma Tre	Health/Bioscience
2024154	RETINA	5	<i>Multi-instrumental characterization of primate baculum and baubellum bone tissues to support functional hypotheses: micrometric QCT-XRF measurement</i>	Università Roma Tre	Health/Bioscience
2024155	SAXS GISAXS	3	<i>Multi-instrumental characterization of primate baculum and baubellum bone tissues to support functional hypotheses: SAXS measurement case</i>	Università Roma Tre	Health/Bioscience
2024156	Multipurpose X-Ray diffractometer	3	<i>Multi-instrumental characterization of primate baculum and baubellum bone tissues to support functional hypotheses: XRD measurement case</i>	Università Roma Tre	Health/Bioscience
2024157	FT-IR Nexus	1	<i>Multi-instrumental characterization of primate baculum and baubellum bone tissues to support functional hypotheses: FTIR measurement case</i>	Università Roma Tre	Health/Bioscience
2024158	Raman Confocal Microscope	1	<i>Multi-instrumental characterization of primate baculum and baubellum bone tissues to support functional hypotheses: Raman measurement case</i>	Università Roma Tre	Health/Bioscience
2024159	NMR 600 MHz	1	<i>Metal NP supported Over Microporous Polymelamine Framework for the CO2 absorption and reduction</i>	CNR	Environment
2024160	SEM ZEISS GEMINI	1	<i>SEM and SEM EDX analysis of Metal NP supported Over Microporous Polymelamine Framework for the CO2 absorption and reduction</i>	CNR	Environment
2024161	AFM Raman with Optical Profiler	3	<i>UV Oxidation and Chemical Catalysis of PET Plastics for the Generation and Characterization of Uniform Nanoplastics</i>	University of Milano-Bicocca	Environment
2024162	TEM High Resolution	4	<i>High Resolution Transmission Electron Microscopy on Yb-doped CsPbX3 perovskite Nanocrystals</i>	University of Florence	Materials
2024163	TEM JEOL	5	<i>Nanocrystals evolution in volcanic glasses</i>	Università di Torino	Environment
2024164	Raman Confocal Microscope	3	<i>"Dyes of Valor: Uncovering the Colorful History of Alpine Military Uniforms"</i>	University of Milano-Bicocca	Cultural Heritage
2024165	SAXS GISAXS	3	<i>Probing Structural Dynamics of Deep Eutectic Solvents Confined within the Pores of Bio-Metal-Organic Frameworks Using SAXS under Extreme Conditions</i>	S V NATIONAL INSTITUTE OF TECHNOLOGY	Energy
2024166	Raman Confocal Microscope	4	<i>Characterisation of lipid multilayers mimicking the outer skin layers by Confocal Raman Microscopy</i>	University of Rome Tor Vergata	Health/Bioscience

2024167	ESCALB QXi	1	<i>Study of functionalized Halloysite nanotubes</i>	University of Florence	Materials
2024168	AFM Raman with Optical Profiler	1	<i>Online training on multiple instrumentation for the Students of the GREENANO Erasmus Mundus Joint Master (EMJM) on Materials Science: event #1 organized by Tor Vergata Unit</i>	University of Rome Tor Vergata	Training
2024169	SEM ZEISS SIGMA	1	<i>Online training on multiple instrumentation for the Students of the GREENANO Erasmus Mundus Joint Master (EMJM) on Materials Science: event #2 organized by CSGI Unit</i>	University of Rome Tor Vergata	Training
2024170	Confocal Microscope 3	1	<i>Online training on multiple instrumentation for the Students of the GREENANO Erasmus Mundus Joint Master (EMJM) on Materials Science: event #3 organized by Milano Bicocca Unit</i>	University of Rome Tor Vergata	Training