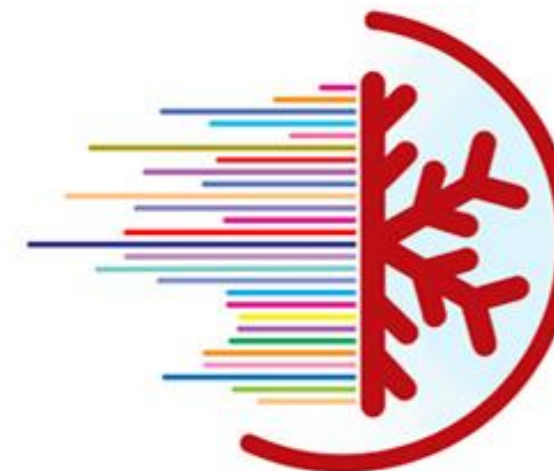


# PROGRAMMA SCIENTIFICO XIII CONVEGNO INSTM

Sestriere, 23-26 gennaio 2022



## DOMENICA 23 GENNAIO

14,00 REGISTRAZIONE

15,50-16,00 Opening

16,00-16,30 **INVITED LECTURE** Luigi NICOLAIS **FROM RESEARCH TO BUSINESS**

### SESSIONE 1 - MATERIALS AND TECHNOLOGIES FOR H<sub>2</sub> ECONOMY

16,30-16,50	KEY NOTE 1	Vincenzo BAGLIO	INFLUENCE OF OPERATING CONDITIONS ON THE PERFORMANCE OF AN ANION EXCHANGE MEMBRANE ELECTROLYSER
16,50-17,00	O 1.1	Marcello BARICCO	CHALLENGES FOR HYDROGEN HANDLING
17,00-17,10	O 1.2	Marina CABRINI	EFFECT OF REVERSIBLE AND IRREVERSIBLE TRAPS ON HYDROGEN DIFFUSION IN PIPELINE STEELS
17,10-17,20	O 1.3	Antonio COMITE	PALLADIUM BASED MEMBRANES FOR HYDROGEN SEPARATION AT HIGH TEMPERATURE
17,20-17,30	O 1.4	Marcello CONDORELLI	HIGHLY EFFICIENT LASER ENGINEERED PHOTOCATALYSTS FOR SOLAR H <sub>2</sub> PRODUCTION
17,30-17,40	O 1.5	Vito DI NOTO	BROADBAND ELECTRICAL SPECTROSCOPY STUDIES TO ELUCIDATE CONDUCTIVITY AND RELAXATION PHENOMENA IN ANION EXCHANGE MEMBRANES
17,40-17,50	O 1.6	Isabella NICOTERA	HYBRID ANION-EXCHANGE MEMBRANES BASED ON POLYSULFONE AND LAYERED DOUBLE HYDROXIDE: TRANSPORT PROPERTIES AND CARBONATION STUDY
17,50-18,00	O 1.7	Siglinda PERATHONER	RECORD PERFORMANCES IN ARTIFICIAL LEAF-TYPE DEVICE FOR CO <sub>2</sub> CONVERSION TO FORMIC ACID
18,00-18,10	O 1.8	Carlo PIROLA	IRON BASED NANO-HYDROTALCITES PROMOTED WITH Cu AND K AS CATALYSTS FOR FISCHER-TROPSCH SYNTHESIS IN BIOMASS TO LIQUID PROCESS
18,10-18,20	O 1.9	Mauro RICCÒ	HYDROGEN STORAGE IN ALKALI CLUSTER INTERCALATED FULLERIDES
18,20-18,30	O 1.10	Paolo SGARBOSSA	NEW ANION CONDUCTING POLYMERS BASED ON FUNCTIONALISED POLYKETONES

19,00 WELCOME PARTY



LUNEDÌ 24 GENNAIO

**SESSIONE 4 - MATERIALS AND TECHNOLOGIES FOR INNOVATIVE AND SUSTAINABLE MANUFACTURING – PART 1**

9,00-9,20	<b>KEY NOTE 4</b>	<b>Vincenzo SGLAVO</b>	<b>FLASH AND COLD SINTERING: INNOVATIVE SUSTAINABLE TECHNOLOGIES FOR CERAMICS MANUFACTURING</b>
9,20-9,30	O 4.1	Michele QUERCIO	ADDITIVE MANUFACTURING AND APPLICATIONS OF FeSi <sub>2.9</sub> SOFT MAGNETIC MATERIAL
9,30-9,40	O 4.2	Alberto CASTELLERO	ADDITIVE MANUFACTURING OF AlSi <sub>10</sub> Mg ALLOY: COMPARISON WITH RAPID SOLIDIFICATION PROCESSING AND EVALUATION OF RESIDUAL STRESSES
9,40-9,50	O 4.3	Gianluca CICALA	GREEN THERMOSET FOR GREEN COMPOSITES: DEVELOPING STRATEGIES FOR FULLY RECYCLABLE GREEN THERMOSET BASED COMPOSITES
9,50-10,00	O 4.4	Andrea COSOLA	PUSHING BEYOND THE BORDERS OF 3D: 4D-PRINTING OF H-BOND STABILIZED SHAPE MEMORY POLYMERS
10,00-10,10	O 4.5	Enrico DALCANALE	STIMULI RESPONSIVE POLYMERS VIA MOLECULAR RECOGNITION
10,10-10,20	O 4.6	Maria Grazia DE ANGELIS	EVALUATING SUSTAINABLE MATERIALS FOR MEMBRANE SEPARATIONS THROUGH MOLECULAR SIMULATIONS: THE CASE OF POLYXYDROXYALKANOATES (PHA)
10,20-10,30	O 4.7	Giulia DI IORIO	ENVIRONMENTAL BARRIER COATINGS (EBC) BASED ON RARE EARTH SILICATES FOR THE PROTECTION OF AIRCRAFT ENGINES COMPONENTS: OPTIMIZATION OF PROCESS PARAMETERS AND CHARACTERIZATION

**COFFEE BREAK**

11,00-11,10	O 4.8	Andrea DORIGATO	MULTIFUNCTIONAL STRUCTURAL COMPOSITES FOR THERMAL ENERGY STORAGE APPLICATIONS
11,10-11,20	O 4.9	Sergio LORENZI	METALLURIC DEFECTS AND CORROSION BEHAVIOUR OF ALLOY 625 OBTAINED BY MEANS OF METAL FUSED FILAMENT FABRICATION
11,20-11,30	O 4.10	Daniel MILANESE	VISCOELASTIC AND AGEING BEHAVIOUR OF POLY(BUTYLENE ADIPATE-CO-TEREPHTHALATE)-BASED BIOCOMPOSITES
11,30-11,40	O 4.11	Luca VALENTINI	MANUFACTURE OF HEALABLE, BIOCOMPATIBLE AND PRINTABLE SILK FIBROIN-GRAPHENE ADHESIVES WITH PIEZOELECTRIC PROPERTIES
11,40-11,50	O 4.12	Davide MORSELLI	A FURTHER STEP IN THE TRANSITION FROM PLASTICIZERS TO BIOPLASTICIZERS BY CONVERTING LEVULINIC ACID IN KETAL-ESTERS
11,50-12,00	O 4.13	Gianni PECORINI	ADDITIVE MANUFACTURING OF POLY(3-HYDROXYBUTYRATE-CO-3-HYDROXYVALERATE)-BASED COMPOSITES FOR BONE REGENERATION
12,00-12,10	O 4.14	Edoardo ROSSI	MECHANICAL PROPERTIES OF 3D PRINTED NANO-ARCHITECTED METAMATERIALS

**PAUSA PRANZO**

LUNEDÌ 24 GENNAIO

**SESSIONE 5 - MATERIALS MODELLING: DATA SOURCES AND COMPUTATIONAL METHODS**

15,30-15,50	<b>KEY NOTE 5</b>	<b>Michele PAVONE</b>	<b>HETEROGENEOUS FUNCTIONAL MATERIALS FOR POST-Li ENERGY STORAGE DEVICES: NEW PERSPECTIVES FROM QUANTUM CHEMISTRY</b>
15,50-16,00	O 5.1	Enrico BODO	GREEN AND BIOCOMPATIBLE IONIC LIQUIDS: COMPUTATIONAL DESCRIPTION, CHALLENGES AND PERSPECTIVES
16,00-16,10	O 5.2	Luca BRUGNOLI	COMPUTATIONAL STUDY OF CERIUM OXIDE-BASED MATERIALS FOR CATALYTIC APPLICATIONS
16,10-16,20	O 5.3	Marta CORNO	FROM BIOMATERIAL INTERFACES TO HYDROGEN STORAGE HYDRIDES: HOW QUANTUM-MECHANICAL CALCULATIONS CAN SHED LIGHT ON ADVANCED MATERIALS
16,20-16,30	O 5.4	Lorenzo DONÀ	DRUGS INCAPSULATION IN METAL-ORGANIC FRAMEWORK: A COMPUTATIONAL STUDY
16,30-16,40	O 5.5	Francesca FASULO	AB INITIO STUDY OF VINYLENE CARBONATE REACTIVITY AT LITHIUM METAL INTERFACE
16,40-16,50	O 5.6	Mariagrazia FORTINO	DESIGN OF PHOTOACTIVE CHIRAL NANOMATERIALS THROUGH MODELING AND SIMULATIONS
16,50-17,00	O 5.7	Adriana PECORARO	NICKEL OXIDE AND COPPER-BASED HOLE TRANSPORT MATERIALS FOR SOLAR CELL APPLICATIONS: A FIRST-PRINCIPLES STUDY

**COFFEE BREAK**

17,30-17,40	O 5.8	Damiano RICCIARELLI	HYDROGEN PRODUCTION FROM TIN-HALIDE PEROVSKITES, INVESTIGATING STABILITY AND REACTIVITY
17,40-17,50	O 5.9	Eleonora VOTTERO	H <sub>2</sub> -INDUCED RECONSTRUCTION IN A Pt/Al <sub>2</sub> O <sub>3</sub> CATALYST: A COMPLEMENTARY FT-IR, INS AND DFT STUDY

**SESSIONE 4 - MATERIALS AND TECHNOLOGIES FOR INNOVATIVE AND SUSTAINABLE MANUFACTURING – PART 2**

17,50-18,00	O 4.15	Claudia SERGI	AGGLOMERATED CORK: A NATURAL CORE MATERIAL TO IMPROVE SANDWICH STRUCTURES ECO-FRIENDLINESS AND CRASHWORTHINESS
18,00-18,10	O 4.16	Monia MONTORSI	FORMULAZIONE E ANALISI TERMICA DI MATERIALI A CAMBIAMENTO DI FASE PER SCAMBIATORI DI CALORE IN AMBITO EDILIZIO
18,10-18,20	O 4.17	Enrico VIRGILLITO	PRODUCTION, CHARACTERIZATION AND FEASEBILITY OF INNOVATIVE Al-Fe ALLOYS FOR LASER POWDER-BED FUSION TECHNOLOGY

18,30 **POSTER SESSION P01-P16**

MARTEDÌ 25 GENNAIO

**SESSIONE 2 - GREEN CHEMISTRY AND PROCESSES**

9,00-9,20	<b>KEY NOTE 2</b>	<b>Francesco Paolo LA MANTIA</b>	<b>LA (BIO)ECONOMIA CIRCOLARE: NUOVA OPPORTUNITÀ PER IL CONSORZIO</b>
9,20-9,30	O 2.1	Alessandro BEDUINI	$\alpha$ -AMINO ACID-DERIVED POLYAMIDOMINES AS FLAME RETARDANTS FOR COTTON FABRICS
9,30-9,40	O 2.2	Stefano CAPORALI	MAGNETRON SPUTTERED PEROVSKITE THIN FILMS FOR OPTOELECTRONICS APPLICATIONS
9,40-9,50	O 2.3	Margherita CAVALLO	CO <sub>2</sub> CAPTURE AND STORAGE BY USING INORGANIC POROUS MATERIALS AT DIFFERENT TEMPERATURES
9,50-10,00	O 2.4	Jessica DE SANTIS	SUSTAINABLE LIQUID-PHASE EXFOLIATION OF LAYERED MATERIALS WITH NONTOXIC POLARCLEAN SOLVENT
10,00-10,10	O 2.5	Giulia FREDI	BIODERIVED FURANOATE POLYESTERS FOR SUSTAINABLE PACKAGING: EFFECT OF CARBON NANOFILLERS ON THE MECHANICAL AND FUNCTIONAL PROPERTIES
10,10-10,20	O 2.6	Gabriella GARBARINO	Cu-ZnAl <sub>2</sub> O <sub>4</sub> CATALYSTS FOR ACETALDEHYDE PRODUCTION: EFFECT OF SYNTHETIC PROCEDURES
10,20-10,30	O 2.7	Enrica GIANOTTI	RATIONAL DESIGN OF BIFUNCTIONAL HIERARCHICAL CATALYSTS FOR THE SYNTHESIS OF TETRAHYDROFURAN DERIVATIVES FROM FURFURAL

**COFFEE BREAK**

11,00-11,10	O 2.8	Alberto GIUBILINI	FROM BIO TO BIO: FABRICATION OF BIO-BASED COMPOSITES FOR BIOMEDICAL APPLICATION THROUGH AN ECO-FRIENDLY ADDITIVE MANUFACTURING PROCESS
11,10-11,20	O 2.9	Giovanni GOLEMME	ARSENIC PHOTOCATALYTIC OXIDATION OVER TiO <sub>2</sub> -LOADED SBA-15
11,20-11,30	O 2.10	Marina MADDALONI	FOOD WASTE-BASED HYBRID HYDROGELS FOR CAPTURE, DETECTION AND REMOVAL OF WATER POLLUTANTS
11,30-11,40	O 2.11	Haroon MAHMOOD	EVALUATION OF THERMOMECHANICAL PROPERTIES OF RIGID POLYURETHANE FOAMS REINFORCED WITH POLYVINYL CHLORIDE PARTICLES
11,40-11,50	O 2.12	Elisa MARUCCIA	INSIGHTS INTO THE CO <sub>2</sub> ADSORPTION PROPERTIES OF NITROGEN-CONTAINING ORDERED MESOPOROUS CARBONS
11,50-12,00	O 2.13	Emilia PAONE	THE BASIC CATALYSIS OF LIGNIN-FIRST BIOREFINERY
12,00-12,10	O 2.14	Giovanni PEROTTO	VALORIZATION OF VEGETABLE BIOMASS AS MOLDABLE BIOCOMPOSITES
12,10-12,20	O 2.15	Alberto RUBIN PEDRAZZO	MECHANOCHEMICAL SYNTHESSES OF $\beta$ -CYCLODEXTRIN POLYMERS BASED ON NATURAL DEEP EUTECTIC SOLVENTS
12,20-12,30	O 2.16	Elena LAMBERTI	HEMP FIBERS MODIFIED WITH GRAPHITE OXIDE AS GREEN AND EFFICIENT SOLUTION FOR WATER REMEDIATION

**PAUSA PRANZO**

15,30 **EVENTO SOCIALE**

18,30 **POSTER SESSION P17-P33**

20,00 **CENA SOCIALE**

MERCOLEDÌ 26 GENNAIO

**SESSIONE 3 - MATERIALS AND TECHNOLOGIES FOR ELECTROCHEMICAL ENERGY STORAGE**

9,00-9,20	<b>KEY NOTE 3</b>	<b>Sergio BRUTTI</b>	<b>Li-RICH LAYERED OXIDES (LRLO) FOR LITHIUM CELLS: PUSHING POSITIVE ELECTRODES TO THEIR LIMITS</b>
9,20-9,30	O 3.1	Federico BROMBIN	STRUCTURE, COORDINATION AND CONDUCTIVITY STUDIES IN POE-BASED POLYMER ELECTROLYTES FOR CALCIUM SECONDARY BATTERIES
9,30-9,40	O 3.2	Daniele CALLEGARI	SYNTHESIS AND CHARACTERIZATION OF $\text{LiFe}_x\text{Mn}_y\text{Ti}_z\text{O}_4$ AS NOVEL CATHODES FOR HIGH ENERGY DENSITY LITHIUM-ION BATTERIES
9,40-9,50	O 3.3	Mattia CANINI	LITHIATION MECHANISM IN HIGH-ENTROPY OXIDES AS ANODE MATERIALS FOR Li-ION BATTERIES: AN OPERANDO XAS STUDY
9,50-10,00	O 3.4	Giovanni CRIVELLARO	A GREEN AND NON-TOXIC ACETATE BUFFER TO IMPROVE THE PERFORMANCE OF ZINC-POLYIODIDE REDOX FLOW BATTERIES
10,00-10,10	O 3.5	Hamideh DARJAZI	ENHANCED CYCLING STABILITY OF $\text{LiNi}_{0.33}\text{Mn}_{0.33}\text{Co}_{0.33}\text{O}_2$ LAYERED OXIDE CATHODES BY DOPING AND COATING FOR RECHARGEABLE LITHIUM-ION BATTERIES
10,10-10,20	O 3.6	Stefania DAVINO	PHOTOCURED SELF-HEALING POLYMERS AS QUASI-SOLID ELECTROLYTES FOR Li-ION BATTERIES
10,20-10,30	O 3.7	Gabriele LINGUA	INNOVATIVE SINGLE ION CONDUCTING BLOCK COPOLYMERS FOR LITHIUM METAL BATTERIES

**COFFEE BREAK**

11,00-11,10	O 3.8	Giacomo MAGNAN	SECOND LIFE OF CARBON WASTE MATERIALS FOR ENERGY STORAGE APPLICATIONS
11,10-11,20	O 3.9	Alberto MORENGHI	FLEXIBLE LASER INDUCED GRAPHENE-BASED MICRO-SUPERCAPACITORS
11,20-11,30	O 3.10	Gioele PAGOT	CORRELATION BETWEEN COMPOSITION, DYNAMICS AND ION CONDUCTIVITY IN SOLID STATE POLYMER ELECTROLYTES FOR MULTIVALENT METAL BATTERIES
11,30-11,40	O 3.11	Daniele PONTIROLI	NOVEL $\text{TiO}_2$ NANOPARTICLES DECORATED GRAPHENE ELECTRODES FOR LITHIUM ION BATTERIES
11,40-11,50	O 3.12	Silvia PORPORATO	IONIC LIQUID-BASED ELECTROLYTES FOR SODIUM BATTERIES
11,50-12,00	O 3.13	Leonardo SBRASCINI	A SILICON/HARD CARBON COMPOSITE ANODE TOWARDS SUSTAINABLE HIGH-ENERGY DENSITY LITHIUM-ION BATTERIES
12,00-12,10	O 3.14	Antunes STAFFOLANI	SYNTHESIS AND CHARACTERIZATION OF $\text{Fe}_3\text{O}_4/\text{rGO}$ AS ANODE MATERIAL FOR Na-ION BATTERIES
12,10-12,20	O 3.15	Keti VEZZÙ	THE ROLE OF STRUCTURAL FEATURES AND SYSTEM RELAXATIONS ON THE ELECTRICAL RESPONSE OF $\text{La}_{1/2+1/2x}\text{Li}_{1/2-1/2x}\text{Ti}_{1-x}\text{Al}_x\text{O}_3$ PEROVSKITES
12,20-12,30	O 3.16	Ying ZHANG	DEVELOPMENT OF ADVANCED ALL-SOLID-STATE POLYMER ELECTROLYTES USING INNOVATIVE AND SOLVENT-FREE PROCEDURES

**CHIUSURA LAVORI E PREMIAZIONI ORAL E POSTER**

## POSTER SESSION

<b>P01</b>	Afaaf ALVI	POLYKETONE BASED ANION CONDUCTING MEMBRANES: SYNTHESIS AND CHARACTERIZATION
<b>P02</b>	Yannick Herve BANG	INTERPLAY BETWEEN POROSIMETRIC, DENSITOMETRIC PARAMETERS AND MEMBRANE ELECTRODE ASSEMBLY PERFORMANCES
<b>P03</b>	Piercarlo MUSTARELLI	FUNCTIONALIZATION OF AQUIVION® MEMBRANES FOR USE IN ANIONIC FUEL CELLS AND ELECTROLYZERS
<b>P04</b>	Enrico NEGRO	EXPANSION OF THE SCOPE OF CYCLIC VOLTAMMETRY WITH THE THIN-FILM ROTATING (RING) DISK ELECTRODE IN THE STUDY OF ELECTROCATALYSTS FOR THE OXYGEN REDUCTION REACTION
<b>P05</b>	Sofia SAFFIRIO	OPTIMIZED STRATEGIES FOR THE RECOVERY OF CRITICAL RAW MATERIALS FROM END-OF-LIFE SOFCs
<b>P06</b>	Elisa ACCIARDO	MAGNETICALLY SEPARABLE CORE-SHELL CATALYST FOR THE MICROWAVE-ASSISTED REDUCTIVE DEPOLYMERIZATION OF LIGNIN
<b>P07</b>	Rossella ARRIGO	STRUCTURE-PROPERTY RELATIONSHIPS IN BIONANOCOMPOSITES FOR INDUSTRIAL APPLICATIONS
<b>P08</b>	Elena BEDOGNI	EVALUATION OF $\alpha,\omega$ UNSATURATED POLYSTYRENE VS DIVINYLBENZENE AS CROSSLINKING AGENT IN STYRENE FREE RADICAL POLYMERIZATION
<b>P09</b>	Giorgia BORRATA	VALORISATION OF LIGNOCELLULOSIC BIOMASS FROM POST-CONSUMER WOOD
<b>P10</b>	Niccolò BRAIDI	MAY POST-ARGET ATRP FUNCTIONALIZATION BE A GOOD WAY FOR POLYSTYRENE UP-CYCLING?
<b>P11</b>	Marco DE PERTIS	ENVIRONMENTAL ASSESSMENT OF LIGHTWEIGHT ARTIFICIAL AGGREGATES PRODUCED BY MEANS OF INDUSTRIAL SOLID WASTE STABILIZATION
<b>P12</b>	Camilla NOÈ	LIGHT-PROCESSABLE ALL-STARCH DERIVED ORGANO/HYDROGELS FOR METHYLENE BLUE REMOVAL
<b>P13</b>	Marcello PAGLIERO	A SINGLE STEP PREPARATION OF PHOTOTHERMALLY ACTIVE PVDF MEMBRANES USING TEP AS GREEN SOLVENT FOR DISTILLATION APPLICATION
<b>P14</b>	Mattia AMORINI	REUSABLE CAVITAND-BASED ELECTROSPUN MEMBRANES FOR THE REMOVAL OF PAHs FROM WATER
<b>P15</b>	Maria Camila ARIZA TARAZONA	PREPARATION AND CHARACTERIZATION OF C,N-TiO <sub>2</sub> SEMICONDUCTORS OBTAINED USING MUSSEL'S EXTRAPALLIAL FLUIDS FROM DIFFERENT SPECIES AS DOPING SOURCE AND THEIR PHOTOCATALYTIC ACTIVITY
<b>P16</b>	Rossella ARLETTI	BOTTOM ASHES FROM BIOMASS COMBUSTION AS SECONDARY RAW MATERIALS FOR INNOVATIVE AND SUSTAINABLE CERAMIC PRODUCTION
<b>P17</b>	Silvia BARBI	PROGETTAZIONE ED OTTIMIZZAZIONE DEL COMPORTAMENTO TERMOMECCANICO DI MATERIALI COMPOSITI IN FIBRA DI VETRO PER APPLICAZIONI AUTOMOTIVE
<b>P18</b>	Marica BIANCHI	EVALUATION OF THE SHAPE MEMORY BEHAVIOR OF NOVEL EPDM/PARAFFIN FOAMS
<b>P19</b>	Mario BRAGAGLIA	WASTE COOKING OILS: ECO-SUSTAINABLE CANDIDATES FOR PROCESSING AIDS IN RUBBER COMPOUNDING
<b>P20</b>	Erika Iveth CEDILLO-GONZÁLEZ	HIGH SOLAR REFLECTANCE GLASS-CERAMIC FRITS FOR PORCELAIN STONWARE TO COUNTER URBAN HEAT ISLAND
<b>P21</b>	Antonella CORNELIO	SUSTAINABLE POROUS MATERIALS, DERIVED FROM INDUSTRIAL BY-PRODUCTS, TO ENTRAP AIR PARTICULATE MATTER
<b>P22</b>	Luca Angelo DI LANDRO	CHARACTERIZATION OF BAMBOO LAMINATES FOR NAUTICAL CONSTRUCTIONS
<b>P23</b>	Francesco GALVAGNINI	CHARACTERIZATION OF A MULTIFUNCTIONAL EPOXY/HGM/PCM SYNTACTIC FOAMS FOR THERMAL ENERGY STORAGE APPLICATIONS
<b>P24</b>	Beatrice MALCHIODI	GREEN FIBER REINFORCED CEMENTS CONTAINING RECYCLED TEXTILE FIBERS FROM THE FINISHING OF FABRICS
<b>P25</b>	Luca MONTAINA	3D PRINTING OF A CONDUCTIVE PEGDA-CPS SCAFFOLD FOR TISSUE ENGINEERING
<b>P26</b>	Davide PERIN	INNOVATIVE BIO-BASED POLY(LACTIC ACID)/POLY(ALKYLENE FURANOATE) FIBER BLENDS FOR SUSTAINABLE TEXTILE APPLICATIONS
<b>P27</b>	Daniele RIGOTTI	DEVELOPMENT OF A CLOSED LOOP RECYCLING PROCESS OF RUBBER FOR AUTOMOTIVE COMPONENTS
<b>P28</b>	Federico SCAGLIONE	HER AND SERS PERFORMANCE OF A LOW-COST NANOPOROUS GOLD OBTAINED FROM DEALLOYING AuFe <sub>2</sub> METASTABLE PRECURSOR
<b>P29</b>	Laura SIMONINI	SELF-HEALING OF POLYCAPROLACTONE (PCL) COATED GLASS FIBER/EPOXY INTERFACE
<b>P30</b>	Alessandro SORZE	DEVELOPMENT OF POLYETHYLENE FOAMS FOR THERMAL ENERGY STORAGE APPLICATIONS THROUGH SALT LEACHING METHOD
<b>P31</b>	Josip VINČIĆ	PRODUCTION AND ANALYSIS OF SINGLE TRACKS OF STAINLESS STEEL 316L ON D2 TOOL STEEL BY DIRECTED ENERGY DEPOSITION
<b>P32</b>	Mauro PALUMBO	A COMPUTATIONAL INVESTIGATION OF ION CONDUCTIVITY IN ELECTROLYTES FOR SOLID STATE BATTERIES
<b>P33</b>	Marco VALENTE	NOVEL CEMENT-BASED SANDWICH COMPOSITES ENGINEERED WITH GROUND WASTE TIRE RUBBER: DESIGN, PRODUCTION, AND PRELIMINARY RESULTS



## MAIN SPONSOR



## SPONSOR



CON IL PATROCINIO DI

