

MONDAY

00:15 00:25 00:30
PhD senior invited

start	duration	end	Auditorium			
13:30	00:30	14:00	Sangermano M.	INTRODUCTION		
			Chairman: Sangermano Marco			
14:00	00:30	14:30	Barner-Kowollik C.	THE PRECISION PHOTOCHEMISTRY PARADIGM		
14:30	00:30	15:00	Rölle T.	THE SCOPE OF BAYFOL HX® FILMS FOR HOLOGRAPHIC RECORDINGS AND ITS PHOTOCHEMISTRY AT A GLANCE		
15:00	00:05	15:05	Break to change room			
			Auditorium		Sala Presidenza	
			Photochemistry and general papers		3D Printing: devices and functional materials	
			Chairperson: Sangermano M.		Chairperson: Liska R.	
15:05	00:25	15:30	Fors B.	ON DEMAND SWITCHING OF POLYMERIZATION MECHANISM	Klar T. A.	SUB-DIFFRACTIONAL OPTICAL LITHOGRAPHY OF PI-CONJUGATED POLYMERS
15:30	00:15	15:45	Höller R. J.	LIGHT ON – CURING OFF: USING ORTHOGONAL PHOTOREACTIONS TO CHANGE CURING KINETICS IN THIOL-ENE SYSTEMS	Delacourt C.	3D-PRINTED EOSIN Y-BASED HETEROGENEOUS PHOTOCATALYST FOR ORGANIC REACTIONS
15:45	00:30	16:15	Coffee Break			
16:15	00:25	16:40	Eren T. N.	COOPERATIVE NETWORK FORMATION VIA TWO-COLOUR LIGHT-ACTIVATED L-ORTHOGONAL CHROMOPHORES	Cosola A.	DIGITAL LIGHT PROCESSING OF MULTIFUNCTIONAL MAGNETO-BASED NANOCOMPOSITES
16:40	00:15	16:55	Wiech M.	ON THE CLEAVAGE OF ALKOXYAMINES: PROSPECTS OF “SMART” MEDIATION SYSTEMS FOR RADICAL POLYMERIZATION REACTIONS	Nechausov S.	VAT PHOTOPOLYMERIZATION OF SWCNT-BASED SOFT COMPOSITES WITH HIGH MIXED ION-ELECTRON CONDUCTIVITY ENABLED BY IONIC LIQUIDS
16:55	00:15	17:10	Kalout H.	RED-LIGHT INDUCED EMULSION PHOTOPOLYMERIZATION	Mogli G.	3D PRINTABLE, SELF-HEALING AND IONIC CONDUCTIVE HYDROGEL FOR SELF POWERED TACTILE SENSORS
17:10	00:15	17:25	Fitzka M.	FRONTAL POLYMERIZATION AS ENERGY-EFFICIENT WAY TOWARDS COMPOSITES	Petko F.	NEW ONE-COMPONENT IODONIUM PHOTOINITIATORS WITH ADVANCED CHROMOPHORES FOR CATIONIC VAT 3D-PRINTING
17:25	00:30	17:55	Pinaud J.	PRODUCTION OF PHU COATING AND FOAMS VIA NEAR-INFRA-RED IRRADIATION	Rossegger E.	USING ORTHOGONAL PHOTOREACTIONS TO LOCALLY CONTROL DYNAMIC BOND EXCHANGE REACTIONS
17:55	03:00	20:55	GET TOGETHER Party			

TUESDAY

start	duration	end	Auditorium			
			Chairperson: Sangermano M.			
08:30	00:30	09:00	Gorsche C.	HIGH THROUGHPUT, LASER-BASED ADDITIVE MANUFACTURING OF HIGH-PERFORMANCE PHOTOPOLYMERS		
09:00	00:30	09:30	Ortyl J.	ONE-COMPONENT CATIONIC PHOTOINITIATORS BASED ON COUMARIN SCAFFOLD TUDONIUM SALTS AS HIGHLY SENSITIVE PHOTOACID GENERATORS FOR 3D-VAT PRINTING NANOCOMPOSITE PHOTOPOLYMERS		
09:30	00:05	9:35	Break to change room			
			Auditorium Photoinitiators Chairperson: Morone M./Dietlker K.		Sala Presidenza 3D Printing: devices and functional materials Chairperson: Sangermano M.	
9:35	0:25	10:00	Gscheidt G.	PHOTOINITIATORS AS REDUCING AGENTS	Mendes-Felipe C.	NATURAL-BASED PHOTOCURABLE FUNCTIONAL MATERIALS FOR DIGITAL LIGHT PROCESSING
10:00	0:15	10:15	Guenan A.	RELATION BETWEEN PHOTOCHEMICAL PROPERTIES OF OXIME ESTERS AND THEIR EFFICIENCY AS PHOTOINITIATORS FOR FREE RADICAL INDUCED PHOTOPOLYMERIZATION	Ecker J.	DESIGN FOR DISASSEMBLY – USING A MULTI MATERIAL APPROACH IN 3D PRINTING FOR EASIER RECYCLING STRATEGIES
10:15	0:15	10:30	Niederst L.	PRE-ASSOCIATED ION-PAIR PHOTOINITIATING SYSTEM FOR FREE RADICAL PHOTOPOLYMERIZATION	Starzak K.	OPTIMIZATION OF PRINTING PARAMETERS TO OBTAIN HIGH-RESOLUTION OBJECTS FOR THE DENTAL INDUSTRY
10:30	0:25	10:55	Schmallegger M.	ONE-STEP SYNTHESIS OF METAL-POLYMER NANOCOMPOSITES BY SIMULTANEOUS PHOTOCHEMICAL POLYMERIZATION AND METAL REDUCTION	Colucci G.	NOVEL BIODEGRADABLE SOYBEAN OIL-BASED COMPOSITES OBTAINED BY LCD 3D PRINTING
10:55	0:25	11:20	Coffe Break			
11:20	0:25	11:45	Morone M.	NEW SENSITIZERS FOR ACYLPHOSPHINE OXIDES	Chiappone A.	AGRI-FOOD WASTE VALORIZATION FOR DLP 3D PRINTABLE ADVANCED MATERIALS
11:45	0:25	12:10	Grützmaker H.	MOLECULES WITH MULTIPLE BIS(ACYL)PHOSPHANOXIDE GROUPS AS PHOTOINITIATORS, CROSS-LINKERS, AND INIMERS	Catel Y.	DEVELOPMENT OF FRACTURE TOUGH DENTAL MATERIALS CONTAINING ABA TRIBLOCK COPOLYMERS FOR 3D PRINTING APPLICATIONS
12:10	0:25	12:35	Matsukawa K.	PREPARATION OF ORGANIC-INORGANIC HYBRIDS BY THIOL-ENE REACTION AND THEIR APPLICATIONS	Hosseinzadeh E.	THIOL-BASED PHOTOPOLYMERIZABLE COATING ENABLING THE FABRICATION OF SOFT, TRANSPARENT, PATIENT-SPECIFIC VASCULAR MODELS WITH SLA 3D-PRINTING
12:35	1:25	14:00	Lunch			

start	duration	end	Auditorium Chairperson: Allonas X.			
14:00	00:30	14:30	Taki K.	NETWORK ANALYSIS OF A BOND-PERCOLATION MODEL OF BI-FUNCTIONAL MONOMERS UNDER PHOTOIRRADIATION AND EXPERIMENTAL VALIDATION		
14:30	00:30	15:00 0:00	Boyer C.	ENGINEERING NANOSTRUCTURED MATERIALS VIA 3D PRINTING AND POLYMERIZATION INDUCED MICROPHASE SEPARATION		
15:00	00:05	15:05	Break to change room			
			Auditorium 3D Printing: 2PP and new chemistries Chairperson: Allonas X.		Sala Presidenza Photochemistry and general papers Chairperson: Arsu N	
15:05	00:25	15:30	Blasco E.	DESIGNING NEW MATERIALS FOR 4D (MICRO)PRINTING	Suga T.	PHOTOACTIVE POLYMERIC DORMANTS: NEW DESIGN OF FUNCTIONAL COATINGS WITH NANOSTRUCTURED DOMAINS VIA "CONTROLLED" UV-CURING PROCESS
15:30	00:25	15:55	Rizza G.	A DEVICE TO PROGRAM THE MICROSTRUCTURE OF MAGNETIC NANOCOMPOSITES DURING DIGITAL LIGHT PROCESSING (DLP)	Roth S. V.	MONITORING PHYSICAL TRANSFORMATIONS ON THE NANOSCALE IN REAL-TIME DURING PHOTO-INITIATED POLYMER NETWORK FORMATION USING X-RAY SCATTERING
15:55	00:25	16:20	Griesser T.	WAVELENGTH ORTHOGONAL PHOTOCHEMISTRY IN ADDITIVE MANUFACTURING: TOWARDS PHOTOPOLYMERS WITH TAILORED PROPERTIES	Cabral J.	WAVES OF PHOTOPOLYMERISATION, FRONTAL INSTABILITIES AND NOVEL 3D PATTERNING ROUTES
16:20	00:25	16:45	Coffee Break			
16:45	00:25	17:10	Herder M.	VOLUMETRIC 3D PRINTING OF VISCOUS PHOTOPOLYMERS WITH XOLOGRAPHY	Okamura H.	PHOTO-THERMAL DUAL CURED BLENDS OF TiO ₂ /DIARYLFLUORENE FILMS WITH HIGH REFRACTIVE INDICES
17:10	00:15	17:25	Bauerlin Q.	DEVELOPMENT OF COMPOSITE PHOTORESISTS FOR 3D AND 4D PRINTING	Pathiwada D..	ADVANCED POLYMERIZATION TECHNIQUES IN SURFACE ENGINEERING
17:25	00:25	17:50 0:00	Spangenberg A.	PROGRAMMABLE LIQUID CRYSTAL ARCHITECTURES MADE BY 4D MICROPRINTING	Beigi-Boroujeni S.	CO ₂ -DERIVED NON-ISOCYANATE POLYURETHANE BASED SELF-ETCHING DENTAL ADHESIVE SYSTEM
17:50	00:15	18:05	Kamranikia K.	PROGRAMMABLE ASSEMBLY OF MICROSTRUCTURES MADE BY TWO-PHOTON POLYMERIZATION	Grebille B.	PHOTOINDUCED SURFACE INITIATED ATRP: TOWARDS MICROFABRICATIONS BY CONTROL RADICAL POLYMERIZATIONS
18:05	00:15	18:20	Fantoni A.	SUSTAINABLE EPOXY-METHACRYLATE INTERPENETRATING POLYMER NETWORKS: BROADENING THE SCOPE OF HIGH-PERFORMANCE MATERIALS FOR STEREO-LITHOGRAPHY	Balkan A.	PHOTO-CURABLE THIOL-ENE / NANOCELLULOSE ELASTOMERIC COMPOSITES FOR BIO-INSPIRED AND FLUORINE-FREE SUPERHYDROPHOBIC SURFACES
18:20	00:25	18:45	Noè C.	A NEW GENERATION OF ORGANIC SEMICONDUCTORS FOR 3D PRINTING	Mueller M.	SURFACE-FUNCTIONALIZATION WITH NOVEL GERMANIUM-BASED PHOTOINITIATORS FOR SURFACE-MEDIATED, RADICAL AND CATIONIC PHOTOPOLYMERIZATION TECHNIQUES
18:45	03:00	21:45	Poster session with aperitif			

WEDNESDAY

start	duration	end	Auditorium			
			Chairperson: Di Gianni A.			
08:30	00:30	09:00	Nie J.	DESIGN AND SYNTHESIS OF CHALCONE PHOTOINITIATOR		
09:00	00:30	09:30	Li Z.	NEW GENERATION OF OXIME-ESTER PHOTOINITIATORS: UNVEILING NEW STRUCTURES, MECHANISMS, AND APPLICATIONS		
09:30	00:05	9:35	Break to move room			
			Auditorium 3D Printing: Cationic, Composites and Hot Lithography Chairperson: Di Gianni A.		Sala Presidenza Photoinitiators Chairperson: Morone M./Dietliker K.	
9:35	0:25	10:00	Knaack P.	3D PRINTING OF SOME UNUSUAL MONOMERS	Lalevee J.	NEW PHOTOINITIATING SYSTEMS AND STRATEGIES FOR HIGH PERFORMANCE MATERIALS
10:00	0:15	10:15	Mayer F.	HIGH PERFORMANCE INTERPENETRATING POLYMER NETWORKS FOR HOT LITHOGRAPHY	Swiezy A.	SYNTHESIS OF INNOVATIVE TYPE I PHOTOINITIATORS FOR FREE RADICAL PHOTOPOLYMERIZATION INDUCED BY VISIBLE LIGHT AND STUDIES OF THEIR APPLICATION TO 3D PRINTING
10:15	0:25	10:40	Bardelli T.	ACRYLATE PHOTOPOLYMERS IN ADDITIVE MANUFACTURING: A DIVE INTO THERMAL STABILITY AND CURING KINETICS	Topa-Skwarczyńska M.	NEW PHOTOINITIATING SYSTEMS FOR DENTAL APPLICATIONS
10:40	0:25	11:05	Coffee Break			
11:05	0:15	11:20	Goldbach E.	3D DLP PRINTING OF EPOXY BASED MATERIALS CONTROLLED BY THE ADDITION OF DERIVATE OF PYRIDINES	Raptová R.	WAVELENGTH-DEPENDENT PHOTOCHEMISTRY OF ACYLGERMANE PHOTOINITIATORS
11:20	0:15	11:35	Aronne M.	"GREENER" STEREOLITHOGRAPHIC RESIN FROM RECYCLED ALUMINA POWDER	Gurská M.	NEW NAPHTHALENE IMIDE BASED INITIATORS FOR PHOTO-ATRP
11:35	0:15	11:50	Ahmadi M.	ENHANCING PHOTOPOLYMER PERFORMANCE: EXPLORING PHASE SEPARATION IN (METH)ACRYLATE SYSTEMS FOR ADDITIVE MANUFACTURING	Wang Q.	NIR-SENSITIVE SYSTEMS COMPRISING CYANINES OPERATING AS MOLECULAR OVEN TO FACILITATE PHOTOPOLYMERIZATION IN THE SHADOWS AND PHYSICAL DRYING
11:50	0:15	12:05	Jankowska M.	NOVEL PHOTOCURABLE RESINS DEDICATED TO OBTAINING POLYMER NANOCOMPOSITES IN 3D-VAT TECHNOLOGIES	Haslinger C.	INVESTIGATION OF NOVEL LONG WAVELENGTH PHOTOINITIATORS FOR RADICAL POLYMERIZATION
12:05	0:25	12:30	Ehrmann K.	DIRECT 3D PRINTING OF POLYESTER AND POLYCARBONATE NETWORKS		
12:30	1:30	14:00	Lunch			

start	duration	end	Auditorium			
			Chairperson: Scherzer Tom			
14:00	00:30	14:30	Guymon A.	IMPROVED COCHLEAR IMPLANT BIOMATERIALS THROUGH PHOTOPOLYMERIZATION		
14:30	00:30	15:00	Johansson M.	BIO-BASED MONOMERS AND RESINS FOR PHOTOCURABLE COATINGS		
15:00	00:05	15:05	Break to move room			
			Auditorium Biobased Networks Chairperson: Liska R.		Sala Presidenza Networks for energy and biomedical applications Chairperson: Scherzer T.	
15:05	00:15	15:20	Porcarello M.	DESING OF BIOBASED UV CURABLE FORMULATIONS FOR 3D PRINTING	Spessa A.	A NOVEL DISULFIDE-CONTAINING MONOMER FOR PHOTOINITIATOR-FREE SELF-HEALABLE PHOTOCURED COATINGS
15:20	00:15	15:35	Moraru D.	BIO-BASED RESINS: REVIEW AND CHARACTERIZATION OF A NEWLY SYNTHESIZED FORMULATION	Knaipp K.	PHOTORESPONSIVE COVALENTLY LINKED DEXTRAN NETWORKS - TOWARDS FUNCTIONAL HYDROGELS
15:35	00:15	15:50	Pezzana L.	EPOXY BIO-BASED MONOMERS FOR UV-CURING	Nelson B.	PHOTOCROSSLINKING ENABLED BY 1,2-DITHIOLANES FOR DYNAMIC AND RESPONSIVE MATERIALS
15:50	00:25	16:15	Coffee Break			
16:15	00:25	16:40	Strehmel V.	PHOTOINITIATED RADICAL POLYMERIZATION OF BIO-BASED METHACRYLATES	Utroša P.	FROM RING-OPENING POLYMERIZATION OF N-CARBOXYANHYDRIDES TO USING LIGHT FOR PREPARATION OF SYNTHETIC POLYPEPTIDES
16:40	00:15	16:55	Sesia R.	EXPLOITATION OF TANNIC ACID AS ADDITIVE FOR THE ADHESION ENHANCEMENT OF UV-CURABLE BIO-BASED COATING	Bernero M.	AN ENZYMATICALLY CLEAVABLE PHOTORESIN FOR VOLUMETRIC BIOPRINTING OF LIVING HYDROGEL CONSTRUCTS
16:55	00:15	17:10	Bergoglio M.	EXPOLITING 3D PRINTING FOR BIOACTIVE GLASS REINFORCED BIOBASED SCAFFOLDS	Longo M.	THIOL-ENE POLYMERIZATION TOWARDS EASILY UP-SCALABLE GEL POLYMER ELECTROLYTE
17:10	00:25	17:35	Fetz C.	BIO-BASED AND RECYCLED MATERIALS FOR UV/LED APPLICATIONS:ASUSTAINABLE APPROACH TO PHOTOPOLYMER TECHNOLOGY	Emilsson S.	TUNEABLE LI-ION BATTERY SEPARATORS USING UV-INDUCED POLYMERIZATION-INDUCED PHASE SEPARATION
17:35	00:25	18:00	Strehmel B.	SUSTAINABLE PHOTOINITIATING SYSTEMS DERIVED FROM BIOMASS. TYPE I + II PHOTOINITIATORS FOR FREE RADICAL POLYMERIZATION, AND LIGHT-MEDIATED ATRP	Amici J.	TOWARDS MORE SUSTAINABLE LI-O2 BATTERIES USING BIO-RENEWABLE ORGANOGELS
18:00	01:30	19:30	FREE			
19:30	03:30	23:00	SOCIAL DINNER			

THURSDAY

start	duration	end	Auditorium	
			Chairperson: Sangermano M.	
08:30	00:30	09:00	Bowman C.	PHOTOPOLYMERIZATION IN COVALENT ADAPTABLE NETWORKS
09:00	00:30	09:30	Schlögl S.	LATENT CATALYSTS IN DYNAMIC PHOTOPOLYMER NETWORKS
				Auditorium Final session
09:30	00:25	9:55	Croutxé-Barghorn C.	PHOTOPOLYMERS WITH ENHANCED THERMOMECHANICAL PROPERTIES FOR 3D PRINTING APPLICATIONS
09:55	00:25	10:20	Arsu N.	THIOXANTHONE DIOXIDES: SYNTHESIS, PHOTOPHYSICAL AND PHOTOCHEMICAL CHARACTERIZATION
10:20	00:30	10:50		Coffee Break
10:50	00:25	11:15	Allonas X.	WHICH WAYS FOR IMPROVING THE REACTIVITY OF PHOTOINITIATING SYSTEMS
11:15	00:25	11:40	Dietliker K.	PHOTOLATENT BASES PROVIDING OPPORTUNITIES BEYOND SIMPLE CURING
11:40	00:25	12:05	Liska R.	THE FUTURE OF PHOTOINITIATORS IN THE 21TH CENTURY
12:05	00:30	12:35		CONCLUSIONS
12:35	01:30	14:05		Lunch