20/05/2024			20 (05 (2024	•	
28/06/2021			29/06/2021		
8.45-9.00	Welcome		.comennecenacennecenacennecenecomencenecomence		
9.00-9.25	Prof. Dr. Cláudia Gomes Silva	"Photocatalytic organic synthesis: from nanomaterials to process intensification"	9.00-10.00	Poster session 10 posters	section B
9.25-9.50	Dr. Petronela Pascariu	"PVDF fibers embedding lanthanide doped ZnO membranes for adsorption and photocatalytic degradation of dye organic pollutants"			
9.50-10.15	Dr. Sivasankar Koppala	"Metal oxide based photocatalysts for environmental applications"	10-00-10.15	Organizers presentation IMT CEMATEP PP Dt. Adrian Dinescu IMT Prof. Dr. Manolis Koudoumas CEMATEP and Dr. Anton Airinei "Petru Poni" Institute	
10.15-11.00	3 orals K.I. Malatjie	Iron-doped cerium oxide/graphene oxide	10.15-11.00	3 orals Ioannis Vamvasakis	Visible-Light Photocatalytic H2
	Evangelia Vasilaki	nanocomposites for the degradation of Photocatalytic treatment of liquid digestate produced from the anaerobic		Faisal Suleiman Mustafa	Production Activity of β- Photocatalytic degradation of toxic phenolic compound and
	Laura Clarizia	H2 evolution over Cu-impregnated P25- TiO2 via alcohol photoreforming: an		M. Suchea	Photocatalytic materials for ai and water purification - ar
11.00-11.15	coffeee break	"Dhatacatalusia fay auti hastavial	11.00-11.15 11.15-11.40	coffeee break	"Hamaganana ukatasatahat
11.15-11.40	Prof. Dr. Suresh C. Pillai	"Photocatalysis for anti-bacterial applications"	11.15-11.40	Dr. Claudia Bizzarri	"Homogeneous photocatalyti reduction of CO2"
11.40-12.05	Ing. Dr. Gian Luca Guerrini	"Photocatalysis and virus"	11.40-12.05	Dr. Mirabbos Hojamberdiev	"Mixed-anion photocatalyst for solar energy conversion and environmental remediation"
12.05-12.30	Dr. Sami Rtimi	"Bacterial inactivation at the interface of sputtered photocatalytic surfaces without ions release: photo-generated intermediates and possible mechanisms"	12.05-12.30	Dr. Kishore Sridharan	"2D/2D Heterojunction Photocatalysts for Sustainable Energy and Environmental Applications"
12.30-13.00	Lunch break		12.30-13.00	Lunch break	
13.00-13.25	Dr. Evie L. Papadopoulou	"Antibacterial Textiles Using Visible Light Using Manganese Doped TiO2 Nanoparticles"	13.00-13.25	Dr. Luigi RIZZO	"Water and wastewate treatment by heterogeneou photocatalysis: results, proces limitations and prospects","
13.25-13.50	Dr. Muhammad Fahad Ehsan	"Tuning Surface Chemistry of Black Anatase TiO2 Nanofibers for Photocatalytic Applications"	13.25-13.50	Assoc. Prof. PhD Habil. Silviu- Octavian Gurlui	"Trace elements Photo Analysis for environmenta applications: a case study"
13.50-14.15	Prof. Dr. Ewa Kowalska	"Plasmonic photocatalysts for environmental applications"	13.50-14.15	Dr. Alexandra Mocanu	"Synthesis of ZnO with enhanced photocatalyti activity using a sacrificial biomass support and Li2O a doping agent"
14.15-15.45	6 orals		14.15-15.45	6 orals	
	Vidya Shetty K Eirini D. Koutsouroubi	Bio-chemo sequential synthesis of silver oxide nanoparticles embedded in TiO2 2D/2D Ni-doped MoS2/g-C3N4 Layered		Zhishun Wei Andreea Chibac-Scutaru	Photocatalytic activity of noble metal modified octahedra Versatility of cellulosic matri
	L. Favier	Hetero-Nanostructuresas Highly Efficient Photocatalysts for Environmental TiO2/UV-A mediated advanced oxidation		Cosmin Romanitan	used for immobilization o synthesized CeO nanoparticle Structural investigations o
		of an emergent water contaminant:		Maria Covei	nhotocatalytic 7nO
	L. Marchão	Photocatalysis with immobilized TiO2 — coated glass rings and UV-A LEDs as a final treatment step of winery wastewater treatment		maria Covei	Photocatalytic Composite Thi Films with Controlled Optica Properties Based on TiO2, WO and rGO
	Iuliana Cocean	Photo-degradation of some landfill contaminants on the surrounding waters		Alexandru Cocean	Laser induced chiti deacetylation- cutting-edg technology for "natura biological waste"
	Cristina Bogatu	ZnO-(r)GO composite thin films for photocatalytic applications			
15.45-16.00	coffeee break		15.45-16.00	coffeee break	
16.00-16.25	EFdeN - Ioana Csatios	"Co-creation of future cities - EFdeN Sustainable City "	16.00-16.25	Assoc. Prof. Dr. Constantinos Stoumpos	"Halide Perovskites: Th Emergence of a New Class of High-Performance Semiconductors"
16.25-16.50	Asccent+ Dr. Nicolas Cordero	"ASCENT+ Access to European Infrastructure for Nanoelectronics"	16.25-16.50	Dr. George Volonakis	"Computational material design of halide doubl perovskites: Possible nove visible-light photo-catalysts"
16.50-17.15	Mr. Pierluigi Biasiolo REAIR Sponsor Prez	ANTIMICROBIAL/ANTIVIRAL APPLICATIONS OF TRANSPARENT PHOTOCATALYTIC COATINGS	16.50-17.15	Prof. Georgios Kopidakis	"Theoretical investigation of low-dimensional materials for photocatalysis"
	2		17.15-17.40	Prof. Dr. Núria López	"Modeling of photo electrochemistry"
17.15-18.00	3 orals M. A. Mersel	Photocatalytic H2 generation from H2S	17.40-18.25	3 orals Kumara Swamy Mukkati	Gadolinium ortho-ferrit
		on CdS-ZnS semiconductors		Praveena, Ujwal /Confirmed Master Student	interfaced polyaniline: B functional catalyst for

	Kunlei Wang	Size-controlled platinum deposited on titania for enhancement of photocatalytic performance		Marta A. Forte Student paper	Foam-like PMMA Microcapsules modified by ALD metal-oxide as photocatalytic
	Petronela Pascariu	New La doped TiO2 nanofibers for photocatalytic degradation of organic		Shankramma Kalikeri	materials
		pollutants: Effect of thermal treatment and La-doping amount			
18.00-18-15	tea break		18.25-18.40	tea break	
18.15-19.40	Poster session 15 posters	section A	18.40-19.30	Poster session 11 posters	section C
			19.30-20.45	Posters discussions/networking/ award committees deliberations	
19.40-20.10	Posters discussions/networking				
20.10-20.55	3 orals		20.45-21.30	Award ceremony - closing	
	S.R. Yashas	Unveiling photocatalytic potentiality of rare-earth metal oxide tethered conductive polymer nanocomposite		remarks farwell e-party	
	Lei Xu	Size controlled Ag decorated TiO2 plasmonic photocatalysts for tetracycline degradation under visible-light			
	A. V. Ravindra	Superior Photocatalytic Performance of Ancillary-Oxidant-Free Novel Starch Supported Nano MFe2O4 (M = Zn, Ni, and Fe) Ferrites for Degradation of Organic Dye Pollutants			
20.55-21.30	e-Cocktail				
2005-2100					
Posters List					
section A 1	Alaelddin Michailidis Barakat	Visible Light active Bismuth ferrite			
		embedded TiO2 nanocomposite structures for mixed dye mineralization by photocatalysis: A strategy to harness solar energy for wastewater remediation			
2	Giannis Gkikas	Crystal Growth and Optical Properties of CH3NH3PbX3 (X = CI, Br, I) of Halide Perovskite Single-Crystals			
3	Daniela Pricop	Chemical processes induced by light on the AuNP-citrate surface			
4	E. Darivianaki	Fabrication of CH3NH3PbI3 perovskite solar cells using the two-step deposition method			
5	Ayesha Siddique	Current Challenges and Recent Development in Green Synthesis Based Nanomaterials for Energy Applications			
6	Despoina Manidaki	Synthesis and Characterization of Pb-free 2D Halide Perovskite Semiconductors			
7	Nagbasavanna Sharanappa	Effect of Al2O3 nano composite on pure polyaniline (PANI-Al2O3) for tuning dielectric properties			
8	Ramdas Balan	Magnetically separable p-n heterojunction photocatalyst SnO2- CuFe2O4 for visible light driven degradation of azo dye methylene blue			
9	Vandana Yadav	Enhanced Photocatalytic Degradation of Dichlorvos using TiO2 doped catalysts			
10	Narcisa Vrinceanu	Preparation and antibacterial performance of xanthan gum-based composite hydrogel containing green synthesized silver nanoparticles and essential oils			
11	Aurel Diacon	Core-shell particles with thermo- responsive wetting characteristics obtained by photo-mediated suspension polymerization			
12	Grecu Ionela	Evans blue photodegradation by novel samarium doped zinc aluminium spinel ferrites			
13	Iuliana Cocean	Light interaction, pollution and SARS- Cov2: protection Mask biocompatibility- overview			
14	Tetiana S. Hubetska	Development of carbon adsorbents from industrial pyrolyzed biowaste by- products under varying conditions of ZnCI2 and H2O2/HNO3 activation			
15	Loubna NOURI	Synthesis and characterization of a nanophotocomposite beads based on sodium alginate and zinc oxide for wastewater treatment			

16	Tingting Que	Novel SmMnOx catalyst prepared by coprecipitation coupled solvothermal for low temperature NH3-SCR and SO2 resistance		
section B 1	Livia Favier	Solar light driven oxidation of an organic dye with ZnO fabricated through a co- precipitation methodology		
2	Cristina Postolachi	CdSe Quantum Dots insertion effect on the alpha-keratin PLD-thin films		
3	A. Douloumis	First-principles calculations for Mn-doped ZnO		
4	Iuliana Cocean	High pulsed-laser effect on the hemp composite - advanced materials		
5	Fatimah Is	UV-Visible sensitized Clay-Supported ZnO/Clay Photocatalyst for Dye Degradation		
6	Silviu Gurlui	Huge ice lump fell from the atmosphere: effect of complex cumulative pollution phenomenon		
7	Carmen Gherasim	Structural properties of copper oxide nanoparticles and their applications as photocatalysts in organic pollutants degradation		
8	Insaf.Ould Brahim	REMOVAL OF METHYL GREEN FROM AQUEOUS SOLUTIONS BY ADSORPTION ON THE SHRIMP CARAPACE AND PHOTODEGRADATION USING UV-C		
9	Alexandru Cocean	Quantum Dots Pulsed Laser Deposition – a new simulation technique		
10	George Kenanankis	3D printed nanocomposites for energy		
		and environmental applications		
section C				
1	Insaf.Ould Brahim	INIPETIC INVESTIGATION ON SONOCHEMICAL DEGRADATION OF FOOD DYES E132 AND E127 IN AQUEOUS SOLUTION		
	Insaf.Ould Brahim Iuliana Cocean	KINETIC INVESTIGATION ON SONOCHEMICAL DEGRADATION OF FOOD DYES E132 AND E127 IN		
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2	Iuliana Cocean	KINETIC INVESTIGATION ON SONOCHEMICAL DEGRADATION OF FOOD DYES E132 AND E127 IN AQUEOUS SOLUTION Washing municipal streets – the origin of some photo-contaminants pollution Effect of Sputtering Voltage on the Photocatalytic Activity of Sputtered		
2 3 4	Iuliana Cocean Kevin V. Alex Salmon Landi Jr. Iran Rocha Segundo Eleni C. Macropulos	KINETIC INVESTIGATION ON SONOCHEMICAL DEGRADATION OF FOOD DYES E132 AND E127 IN AQUEOUS SOLUTION Washing municipal streets – the origin of some photo-contaminants pollution Effect of Sputtering Voltage on the Photocatalytic Activity of Sputtered Silver Nanoparticle Thin Films Considerations about the determination of the band gap from diffuse reflectance spectroscopy White-light emitting layered hybrid lead halide perovskites		
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