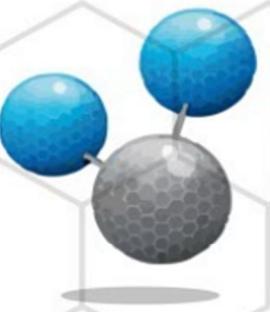


rd
3 International Congress
of Applied Chemistry & Environment



ICACE
2022



⌚ 27th-29th May 2022

⌚ ODYSSÉE Resort Thalasso & Spa –Zarzis



Day 1 | Friday, 27 May

08H00

Registration

09H00- 09H30

Opening ceremony

- ✓ **Pr Hatem Dhaouadi**, Chairman, Director of the Environmental Chemistry and Clean Processes Research Laboratory
- ✓ **Pr. Hedi Bel Hadj Salah**, President of the University of Monastir
- ✓ **Pr. Mongi Ben Salem**, Dean of Faculty of Sciences of Monastir
- ✓ **Mr. Pierre Durand de Ramefort**, French Institute of Tunisia (IFT)

09H30- 10H15

KEYNOTE 1
 THE LABORATORY OF ENVIRONMENTAL CHEMISTRY AND CLEAN PROCESSES : RESEARCH IN THE SERVICE OF A SUSTAINABLE TUNISIAN ECONOMY
 Sonia Dridi-Dhaouadi
 University of Monastir – Tunisia

10H30- 11H00

Coffee-Break

11H00- 11H45

KEYNOTE 2
 RECENT ADVANCES IN SURFACE CHARACTERIZATION OF CELLULOSE
 Mohamed Naceur Belgacem
 Univ. Grenoble Alpes, CNRS, Grenoble INP, France

11H45- 12H30

KEYNOTE 3
 New processes for the production of Micro/Nano-Fibrillated Cellulose (M/NFC)
 Evelyne Mauret
 Grenoble INP-Pagora, France

12H30- 14H30

Lunch

14H30-16H10	Oral session 1			
	Room 1 Environment and Climate Changes <i>Chairman : Pr. Melika Baklouti & Pr. Hatem Dhaouadi</i>	Room 2 Green Chemistry and Natural Substances <i>Chairman : Pr. Evelyne Mauret & Pr. Saoussen Hammami</i>	Room 3 Biobased Materials and Nanomaterials <i>Chairman : Pr. Naceur Belgacem & Pr. Hatem Majdoub</i>	Room 4 Sustainable Textiles and Clean Processes <i>Chairman : Pr. Ramzi Khiari & Pr. Taoufik Harizi</i>
14H30- 14H50	N. Anayed, A. Benhmida, B. Chaouachi, R. Boukchima, and M.S. Belkadhi Study of Solar Heating process of Greenhouse in the Gabès Region	Zahra Amri, Mohamed Raâfet Ben Khedher, Mohamed Sghaier Zaibi, Wafa Kharroubi, Mouna Turki, Fatma Ayadi, Mohamed Hammami, Sonia Hammami Preventive effect of pomegranate extracts supplementation on insulin resistance and oxidative stress in obese rats	Salma Jamel, Fadhel Jaafar ,Mohamed Ali Lassoued, Jalel Dahas, Neji Ladhari Antioxydant activity of the hydroalcoholic extract of teucrium polium l. and double emulsion microencapsulation	Mouna stambouli, Walid chaouch, Sondes gargoubi, Riadh zouari, Slah Msahli Study on the functionnality of Calcium carbonate content and particle size in the physical properties of foamed layer used for coated textile
14H50- 15H10	Besma Hamrouni Assadi, Sabrine Chouikhi, Ali Benhmida, Naima Anayed and Mohamed Sadok Belkadhi Pathogenicity of the entomopathogenic fungus <i>Lecanicillium muscarium</i> on the whitefly <i>Bemisia tabaci</i> under geothermal greenhouse	Mzoughi Zeineb, Hatem Majdoub Polysaccharides from halophyte plants (Chenopodiaceae): An overview of extraction methods, structural characterizations and biological activities	Abdelwaheb. Zeidi, Fatma. Ben Saada, Khaled. Elleuch, Hakan. Atapek Numerical prediction of AISI D2 punch damage	Abir Zouari, Sondes Gargoubi, Albert Manich, Meritxell Martí, and Chedly Boudokhane Nanobubble technology for water repellent treatment on cotton fabrics: a comparative study
15H10-15H30	Zeineb Louati, Ismail Trabelsi, Naceur Jedidi and Mohamed Ali Wahab The effect of liquid and solid digestates amendment on clay soil fertility and CO ₂ emission	Zahra Amri, Hedi Chouari, Madiha Dhibi, Amira Mneri Bhouri, Mohamed Hammami, Sonia Hammami Bioactive composition and antioxidant activity and sensory evaluation of innovative pasta enriched with jujube fruit powder	Wided Fersi, Noureddine Baaka, Chedly Boudokhane, Sonia Dhaouadi, Hatem Dhaouadi Microwave-Assisted Extraction as a Rapid Operation to Produce Natural Dyes from <i>Hypericum triquetrifolium</i> Turra	Elaissi arwa, Alibi Hamza, Ghith Adel Reuse of grain waste as abrasive particles
15H30- 15H50	Aicha AYEB, Mohamed ABDELWAHEB, Fatma DHAOUADI and Sonia DRIDI DHAOUADI Adsorption of organophosphorus insecticide dimethoate in Tunisian agricultural soils: batch and column experiments studies	Issa Samb, Nadia Pellegrini-Moïse, Yves Chapleur Pyrimidino-pyranoside : Un scaffold pour la création de peptidomimétiques	Ghazza Masmoudi, Oumaima Saad, Ramzi khiari and Younes Moussaoui Adsorption of metal-complex textile dye on multi-scale cellulosic material of <i>Posidonia oceanica</i>	Ben Fraj Abir, and Jaouachi Boubaker¹ Effect of Desizing Treatments on the Bagging Fatigue of Denim Garments
15H50-16H10	Nour el houda Slama, Ghazza Masmoudi and Hatem Dhaouadi Monitoring of the degradation of textile dyes and real effluent by Fenton reaction	Nawres Gharred, Lamiaa M.A. Ali, Chantal Menut, Alain Morelle, Sonia Dridi-Dhaouadi <i>In-vitro</i> anti-inflammatory activity of <i>Inulaviscosa</i> essential oil and its acidic compounds in LPS-stimulated RAW 264.7 macrophages	Marwa Souissi, Ramzi Khiari, Mohamed Abdelwaheb, Mounir Zaag, Nizar Meksi Hatem Dhaouadi Kinetic study of dyeing bicomponent polyester textiles (PET/PTT) using ecofriendly carriers	Maha ABDELLILAH, Manel BEN TICHA, Nizar MEKSI Dyeing of Modified acrylic fibers with indigo carmine
16H10- 16H40	Coffee-Break			
16H40- 17H55	Poster session			
	Room 1	Room 2	Room 3	Room 4

	Environment and Climate Changes <i>Chairman : Pr.Mustapha Majdoub & Pr. Latifa Bergaoui</i>	Green Chemistry and Natural Substances <i>Chairman : Pr. Evelyne Mauret & Pr. Younes Moussaoui</i>	Biobased Materials and Nanomaterials <i>Chairman : Pr. Naceur Belgacem & Pr. Nizar Meksi</i>	Sustainable Textiles and Clean Processes <i>Chairman : Pr. Ramzi Khiari&Pr. Farouk MHenni</i>
16H40- 16H45	Intissar Amara, Wafa Miled, Rihab Ben Slama, Diego Mantovani, Claire Hellio, Néji Ladhar Antibacterial activity of polyamide and high-density polyethylene nets grafted with PEG	Houda Raddaoui, Mohamed Ali Mahjoub, Samia Ammar, Yakdhane Kacem, Lotfi Achour Isolation of bis (2'-ethylhexyl) benzene-1,2-dicarboxylate from <i>Hertia Cheirifolia</i> L. and biological effects	Asma Msehli, Ben Mansour Mohamed, Ben Mansour Hedi, Le Cerf Didier, BouraouiAbderrahmen, Hatem Majdoub Comparative study of polysaccharides from sea cucumber and coelomic fluid	Nedra Dhouibi, Noureddine Baaka, Rym Charradi, Imed Bouine, Hatem Dhaouadi, Sonia Dridi-Dhaouadi Improvement of textile dyeing performance using Supercritical Carbon Dioxide Extracts
16H45- 16H50	Hela Machat, Nicolas Roche, Hatem Dhaouadi Modelling nitrogen removal of Hybrid Biological Reactor (Integrated Fixed-Film Activated Sludge Process)	Wafa Mejri, Emma Toujani Validation of HPLC method for determination of eight fluoroquinolones: enoxacin, marbofloxacin, norfloxacin, ofloxacin, ciprofloxacin, enrofloxacin, sparfloxacin and moxifloxacin	Abir Razzak, Ramzi Khiari, Younes Moussaoui, Naceur Belgacem Nanocellulose prepared by an enzymatic treatment of isolated cellulose from <i>schinusmolle</i>	Nabil Mabrouki, Hassen Agougui and Khaled Boughzala Treatment of textile dye wastewater using modified hydroxyapatite by gelatin
16H50- 16H55	Ameni Ayadi, Mouna Jaouadi, Federica Proietti, Onofrio Scialdone, Ahmed Hichem Hamzaoui The treatment in aqueous solution of oxytetracycline by adsorption using activated carbon doped by zinc oxide	E.Toujani, W. Mejri, H.E. Lassoued, M.H. Ben Cheikh, F. Safta Development and validation of a stability-indicating method for determination of cariprazine in bulk substance and in drug product	Chaima Ouled amor, Kais Elghniji, Clarence Charnay, Elimame Elaloui Erbium doped TiO ₂ : Investigation the effect on surface and optical properties	Olfa Abdellaoui, Feriel Bouatay, Harizi Taoufik, and Msahli Slah Valorization of tannery's wool fiber in textile field: Evaluation of dyeing performance with acid dye
16H55- 17H00	Nour El Houda SLAMA, Ghazza MASMOUDI and Hatem DHAOUADI Kinetic study and optimization of the degradation of Dark Blue reactive dye using Electro-Fenton process	Raja Chaaba, Zahra Amri, Chihaoui Yosra, Amel Nakbi, Sonia Hammami1, Mohamed Hammami Phytoconstituents and biological activities of different silybum marianum extracts	Assia Karrab, Remi Bensimon, Diane Muller, Stéphane Bastide, Christine Cachet-Vivier, Salah Ammar Urea electrooxidation catalysed by Ni-Fe ₂ O ₃ nanoparticles modified glassy carbon electrode	Maha ABDELILEH, AvinashP.MANIAN, Manel BEN TICHA, Nizar MEKSI, Thomas BECHTOLD Electrochemical indigo dyeing with using embroidered electrodes
17H00- 17H05	Sahar Ishak, Mohamed Allouche, Abdel Halim Harrath, Saleh Alwasel, Octavian Pacioglu, Riadh Badraoui, Fehmi Boufahja Effects of the antidepressant paroxetine on migratory behavior of meiobenthic nematodes: computational and open experimental microcosm approach	Aicha Bouaziz, Asma Ben Amor , Wissem Mnif and Aghlab Bartegi Valorization of the plant <i>Chenopodium morale</i> : Phenolic profile and antioxidant activity	Sara Saad, Faten Mannai and Younes Moussaoui Carboxymethylcellulose from <i>Zizyphus lotus</i> and their use to prepare Eco-friendly membrane applied for the removal of organic Dye pollutants	L. Abid, F. Bouatay, M.W. Kraiem The perception of sustainability and circular economy in textile and fashion companies in Tunisia: levers and inhibitors
17H05- 17H10	A.Nehdi, N. Frini-Srasra,G. de Miguel, I. Pavlovic, L. Sánchez and J.Fragoso Use of LDH- chromate adsorption co-product as an air purification photocatalyst	Aicha Bouaziz, Asma Ben Amor, Wissem Mnif and Aghlab Bartegi Polyphenols, flavonoids and tannins contents in <i>Malva sylvestris</i> and <i>Malva parviflora</i> and antioxidant activity	Chagtni Raouia, Ben Hassen Trabelsi Aida, Maaoui Assia, Mohamed Heshmi Aissaoui, Faycel Jamaoui, Hechmi Khedhira, Chaden Chérif Tannery waste slow pyrolysis : an innovative alternative for biofuels and biomaterials production	Asma Ben Amor, Aicha Bouaziz, Sondes Gargoubi and Chedly Boudokhane A repellent finishing treatment for reusable woven surgical garments to protect medical staff from blood splashes during surgery
17H10- 17H15	S. Mabrouk, H. Dhaouadi	Beligh Mechri, Meriem Tekaya, Hechmi Chehab, Faouzi Attia, Mohamed Hammami	A. Maaoui, A. Ben Hassen Trabelsi, R. Chagtni, G. Lopez, M. Cortazar, M. Olazar	Asma Ben Amor, Aicha Bouaziz, Sondes Gargoubi and Chedly Boudokhane

	Waste valorization through the elaboration of adsorbent materials for environmental applications	Foliar fertilization of olive trees affects the rhizosphere microbial community	Pyrolysis of Tunisian Aleppo Pine Cones into sustainable biomaterials	Textile surgical garments : general quality requirements
17H15-17H20	A. Zgolli, G. Masmoudi, S. Dridi, Dhaouadi, H. Dhaouadi <i>Posidonia Oceanica</i> biosorbent use in batch and fixed-bed column	Wafa Ghedira, Hatem Dhaouadi Comparison of the antioxidant power of Rosmarinus officinalis extracts obtained with conventional methods and supercritical fluid.	F. Bouatay, S.Dridi Dhaouadi A dynamic study of the effect of the clay calcination temperature on the adsorption behavior of basic dye	Amel Bouzidi, Noureddine Baaka <i>Limoniastrum monopetalum</i> Stems as a New Source of Natural Colorant for Dyeing Wool Fabrics
17H20-17H25	Gmar Bensidhom, Miriam Arabiourrutia, Selim Ceylan, Martin Olazar, Aida Ben Hassen Trabelsi Production of biofuels and biochemicals from date palm biomass using innovative online pyrolysis process	Manel Sfar, Zeineb Mzoughi, Houda Lazreg, Didier Le Cerf , Hatem Majdoub Physicochemical characterization of polysaccharides from pepper by-products: antioxidant and antidiabetic activities	Ibtissem Moussa, Mohamed Farouk Mhenni New ecological and aesthetic paper prepared from the <i>Posidonia oceanica</i> and the waste paper	Bouzidi A., Baaka N., Ammi Y., Maouz H., Laidi M., Hanini S. Neural prediction of the relative color yield (K/S) of natural dye from <i>Limoniastrum monopetalum</i> stems
17H25-17H30	Aicha AYEB, Sonia DRIDI DHAOUADI Effect of nature of the organophosphorus insecticide dimethoate on the sorption capacity in Tunisian agricultural soils	Zeineb Mzoughi, Hassiba Chahdoura, Borhane E.C. Ziani, Guido Flamini, Ahmed Fendri, Habib Mosbah, Hatem Majdoub Aromatization effect of rosemary, lemon and orange on olive oil quality: Comparative study of extraction processes, chemical compositions and biological properties	M. Ben Ticha, N. Slama, N. Dhouibi, C. Boudokhane, H.Dhaouadi A sustainable process for dyeing wool fabrics by natural colorant extracted from <i>Juglans Regia</i> barks	M. Ben Ticha, N. Slama, N. Dhouibi, C. Boudokhane, H.Dhaouadi A sustainable process for dyeing wool fabrics by natural colorant extracted from <i>Juglans Regia</i> barks
17H30-17H35	S. Dhifallah, A. Attour, Ch.Vial, F. Audonnet, H. Elfil, F. Zagrouba Fluoride removal from Mélaoui's tap water by Electrocugulation	Sounira MEHRI, Wided KHAMLAOUI, Raja Chaaba, Sonia HAMMAMI, Mohamed HAMMAMI Roles for circulating polyunsaturated fatty acids in acute myocardial infarction in Tunisian patients	Imen Landolsi, Narjes Rjiba and Mohamed Hamdaoui Characterization of Olive Tree Pruning Residues	Rahma Tilouche, Faten debbabi, Wang Chunhong, Bingjie Miao, Zuo Qi Effect of layered Polylactic acid (PLA)/Polypropylene on the structure of Chitosan/hemp as reinforcement green bio composite.
17h35-17H40	H. Slimi, T.Ollevier and J.Kraiem Iron-Catalyzed Selective Etherification reactions under green conditions	Manel Elakremi, Leyre Sillero, JalellLabidi, Younes Moussaoui Extraction method affects leaves oil yield, chemical composition and biological activities of <i>Pistacia vera L.</i>	Hanedi Elhleli, Faten Mannai, Ramzi Khiari, Mohamed Naceur Belgacem, Younes Moussaoui Microencapsulation Using Natural Polysaccharides extracted from OFI	
17H40-17H45	Siwar Majdoub, HaifaDebbabi, Ridha El Mokni, Stefano Dall'Acqua, Gregorio Peron and Saoussen Hammami Chemical composition of the essential oil from Tunisian <i>Teucrium luteum</i> (Mill.) Degen subsp. <i>flavovirens</i> (Batt.) Greuter& Burdet	Faten Mannai, Younes Moussaoui Thermal, physicochemical and interfacial properties of polysaccharide obtained from cladophylls of <i>Opuntia</i> (Cactaceae)	Manel Mansour, Hamza Kahri, Mouhieddinne Guergueb, Houcine Barhoumi, Enrique GutierrezPuebla, Brahim Ayed, Umit B. Demirci Cu-MOF catalyst for efficient reduction of 4-nitrophenolin the presence of sodium borohydride	
17H45-17H50	Feriel Necibi, Taoufik Boubaker, Julien Roger, Jean-Cyrille Hierso	Mariem Itaimi Dammak, Hatem Majdoub	Rim Mnafki, Abir Razzak, Ramzi Khiari, Younes Moussaoui, Naceur Belgacem	

	Thioether formation from functionalized thiols and 2-halopyridines with Palladium and without palladium	Extraction, structural characterization and biological properties of polysaccharides from food waste: A review	<i>Schinus molle</i> : Alkaline treatment for the extraction of new biomaterials "Cellulose"	
17H50-17H55	Amira GHABI and Taoufik BOUBAKER Nucleophilicities of Para-Substituted anilines in methanol and Correlation Analysis	Amira Mnari Bhouri, Zahra Amri, Sirine Ben Ali, Madiha Dhibi, Nadia Koubaa, Mohammed Hammami Oxidative stability of corn oil enriched with grape seeds (<i>Vitis vinefera</i>) extract, under accelerated storage	Mona Soltani, Zeineb Mzoughi, Didier Le Cerf and Hatem Majdoub Ultrasound-assisted extraction of polysaccharide from cucumis sativus : Optimization, characterization and biological evaluation	
Dinner				
20H30- 23H00	My Thesis Story			

Day 2 | Saturday, 28 May

08H00- 08H30	Registration			
08H30- 09H15	KEYNOTE 4 POLYSACCHARIDE NANOMATERIALS AND ADVANCED APPLICATIONS Alain Dufresne Univ. Grenoble Alpes, CNRS, France			
09H15- 10H00	KEYNOTE 5 IMPACT OF δ -MNO ₂ ON THE CHEMICAL SPECIATION OF CATIONS IN AQUEOUS SOLUTION Latifa Bergaoui Carthage University, Tunisia			
10H00- 10H45	KEYNOTE 6 SELF-ASSEMBLY OF CARBOHYDRATE BLOCK COPOLYMERS: THIN FILMS AND GLYCONANOPARTICLES Redouane Borsali University Grenoble Alpes, CNRS, France			
10H45- 11H15	Coffee-Break			
11H15- 12H55	Oral Session 2			
	Room 1 Environment and Climate Changes Chairman : Pr. Latifa Bergaoui & Pr. Hatem Mhiri	Room 2 Green Chemistry and Natural Substances Chairman : Pr. Rafik Gharbi & Pr. Redouane Borsali	Room 3 Biobased Materials and Nanomaterials Chairman : Pr. Alain Dufresne & Pr. Chedly Boudokhane	Room 4 Sustainable Textiles and Clean Processes Chairman : Pr. Nizar Meksi & Pr. Slah Msahli

11H15- 11H35	A. D. N'diaye, S. Dridi-Dhaouadi, M.S. Kankou and H.Dhaouadi Batch and fixed-bed adsorption studies of atrazine herbicide from aqueous solution using <i>Typha australis</i> as low-cost adsorbent: A preliminary study	Zina Benissa, Françoise Dumas, Sami Zouari Chemical variability and antioxidant activity of stems and seeds essential oils of <i>Pituranthoschloranthus</i> Benth. and Hook collected from Tunisia	Farida Baraka, Jalel Labidi Cellulose nanofibers coated with aromatic amine derivative	H. Barhoumi, N. Bhouri, I. Feki, A. Baffoun, M. Hamdaoui, S. Ben Abdessalem Mechanical and chemical comparison between aged and non-aged unidirectional Kevlar fabric
11H35- 11H55	A. Bhar, S. Jemjami Comparative study of biogas collection systems from a controlled landfill	Hiba Akroud¹, Khaoula Hidouri² and Bechir Chaouachi Effect of some parameters on the efficiency of solar distiller	Sana Rezig, Mounir Jaouadi, Khoffi Foued, Bessghaier El Oudiani Asma, SlahMsahli and Durand Bernard Effect of Combined treatment on physico-chemical properties of Typha fibers	Intissar Amara, Wafa Miled, Rihab Ben Slama, Diego Mantovani, Claire Hellio, Néji Ladhari Application of a reactive dye in aquaculture field and study of its antifouling activity
11H55- 12H15	Amani Haddouk, Ismail Trabelsi , Mohamed Ali Wahab Production of Wood based biochar for ammonium and nitrate adsorption from aqueous solution	O. Ben Romdhane, I. Saidi, I. Chaieb, Roberta Ascrizzi, G. Flamini, H. Ben Jannet Chemical composition, insecticidal and Allelopathic activities of the fractionated essential oil extracted from the resin exuded by <i>Araucaria heterophylla</i>	Ismahene Ben Khemis, Abdelmottaleb Ben Lamine Physico-chemical investigations of human olfactory receptors OR10G4 and OR2B11 activated by vanillin, ethyl vanillin, coumarin and quinoline molecules using statistical physics method	Cheriaa Rim, Ben Marzoug Imed Tear strength properties of recycled denim fabrics under mixed washing using smart Foam technology
12H15- 12H35	Badia Rtimi, Ali Ben hmidene, Bechir Chaouachi Use of nanofluid to improve the efficiency of photovoltaic panel	Mohamed Ouerhani, Mohamed Rachid Benhalilou, Jean-François Largeau and Mohand Tazerout Comparison of numerical modeling by CFD and experimental tests of a thermocatalytic conversion of toluene on a date stones char fixed bed	A. D. N'diaye, M.S. Kankou and H.Dhaouadi¹ Rice Husk Ash for fast removal of Methyl Parathion from aqueous solution	Imen Landolsi, Narjes Rjiba and Mohamed Hamdaoui Cellulose Extraction and Bleaching from Olive Tree Pruning Residues
12H35-12H55	Imen Ben Belgacem, Abdessalem Ezzeddine Elaboration of new PES mixed matrix membranes for various applications	Zeineb Hamden and Hatem Majdoub Bioethanol production from by-products date palm	Yosr Ben Mlik, Mounir Jaouadi, Foued Khoffi, Slah Msahli Chemical and morphological characterization of biological retted Kenaf fiber	Elaissi Arwa, Alibi Hamza, Ghith Adel Characterization of natural tow fibers
12H55- 14H00	Lunch			
14H00- 18H00	Excursion			
18H00- 20H00	Dinner			
21H00- 00H00	Musical evening			

Day 3 | Sunday, 29 May

08H30-- 09H15

KEYNOTE 7
HOW FAR ARE WE FROM THE IDENTIFICATION OF RESILIENT SCENARIOS FOR THE MEDITERRANEAN SEA ?
Pr. Melika Baklouti

	Institut Méditerranéen d'Océanologie (MIO), France			
09H15- 10H00	<p>KEYNOTE 8</p> <p>AMPHIPHILIC β-C-GLYCOSYLBARBITURATES AS INTERFACIAL LAYER OF LIQUID CRYSTALS-BASED BIOSENSORS FOR PATHOGENIC LECTIN DETECTION & AS HYDROGELATORS LEADING TO SUPRAMOLECULAR HYDROGELS</p> <p>Pr. Sami Halila University Grenoble Alpes, CNRS, France</p>			
10H00- 10H30	Coffee-Break			
10H30-12H30	Oral Session 3			
	Room 1 Environment and Climate Changes <i>Chairman : Pr. Hatem Dhaouadi & Pr. Hatem Mhiri</i>	Room 2 Green Chemistry and Natural Substances <i>Chairman : Pr. Sami Halila & Pr. Hichem Ben Jannet</i>	Room 3 Biobased Materials and Nanomaterials <i>Chairman : Pr. Redouane Borsali & Pr. Younes Moussaoui</i>	Room 4 Environment and Climate Changes <i>Chairman : Pr. Sonia Dridi & Pr. Melika Baklouti</i>
10H30- 10H50	<u>H. Mkaddem, H. Ben Amor, M. A. Sanroman, J. Meijide, M. Pazos and E. Rosales</u> Adsorption of diclofenac sodium by a synthesized Mg/Al layered double hydroxide	<u>Manel Sfar, Zeineb Mzoughi, Houda Lazreg, Didier Le Cerf, Hatem Majdoub</u> Optimization of microwave-assisted extraction of polysaccharides from apricot waste	<u>Abir Razzak, Ramzi Khiari, Younes Moussaoui, Naceur Belgacem</u> TEMPO-mediated oxidation of cellulose isolated from <i>schinusmolle</i>	<u>Marwa Ammar, Ameni Mokni, Hatem Mhiri, Philippe Bournot</u> Performance Optimisation of A Natural Convection Mode Flat Plate Solar Air Collector Using Transparent Insulation Material Parallel Slats (TIM-PS)
10H50- 11H10	<u>Monia Chaabane, Salma Benzarti, Hatem Mhiri and Philippe Bournot</u> Effect of fins integration on the overall performance of a BIPV system	<u>Imen Abcha, Safa Souilem, Mitsutoshi Nakajima</u> Physical characterization of apigenin loaded soybean oil in water emulsions	<u>A. Mnasri, H. Dhaouadi, R. Khiari, S. Halila, G. Mortha, E. Mauret</u> Size Exclusion Chromatography to study Deep Eutectic Solvents effects on cellulosic fibres	<u>Imen Ben Belgacem, Abdessalem Ezzeddine</u> Improvement of the defluoridation conditions of industrial wastewater by precipitation
11H10- 11H30	<u>Assia Karrab, Remi Bensimon, Diane Muller, Stéphane Bastide, Christine Cachet-Vivier, Salah Ammar</u> Nickel doped Fe_2O_3 photoanode for electrochemical and photoelectrochemical enhanced urea oxidation	<u>Meriem Tekaya, Mohamed Ayadi, Mguidich Belhaj Amel, Olfa Elloumi, Manel Ben Slamia Aouina, Jalel Mkada, Mohamed Hammami, Mouna Aiachi, Mezghani, Beligh Mechri</u> Characterization of eight Tunisian Varietal Olive Oils: Application of Chemometric	<u>Samar Mansouri, Noureddine Baaka, Hatem Dhaouadi</u> A new approach for studying the dyeability of Alfahandicrafts from Kasserine with sustainable natural dyes	<u>A. Zgolli, H. Dhaouadi</u> Elaboration of adsorbent material from agro-industrial waste
11H30-11H50	<u>Hella Adouni, Yoldoss Chouari, Hervé Bournot, Wassim Kriaa, Hatem Mhiri</u> Performance evaluation of sewer networks lateral ventilation using series of inclined jets in preventing obstruction phenomenon	<u>Khaoula Hidouri, Ali benhmida, Hiba Akroud, Bechir Chaouachi</u> Experimental study of some parameters influencing the efficiency of a desalination membrane	<u>Wided Fersi, Noureddine Baaka, Rym Charradi, Sonia Dhaouadi, Hatem Dhaouadi</u> Color fastness properties of natural dye from <i>Hypericum triquetrifolium</i> Turra using Supercritical CO ₂ extraction technique	<u>S. Benzarti, M. Chaabane, H. Mhiri and P. Bournot</u> Performance improvement of a ventilated BIPV using a combination of twist tape inserts and fins.

11H50-12H10	S. Dhifallah, A. Attour, Ch.Vial, F.Audonnet, H.Elfil, F.Zagrouba Modeling of the defluoridation kinetics of Metlaoui's tap water by electrocoagulation	Mayssa Ben Mustapha, Guido Flamini, Roberta Ascrizzi, Hichem Ben Jannet Biotransformation of Isocostic acid from <i>Inula viscosa</i> by <i>Saccharomyces cerevisiae</i> : <i>In vitro</i> evaluation of anti-tyrosinase effect and insights from molecular docking and SAR analysis	MSEHLI Asma, B. BEN MANSOUR Mohamed, C. BEN MANSOUR HEDI, D. LE CERF Didier, E.BOURAOUI Abderrahmen and F. MAJDOUN Hatem Comparative study of polysaccharides from seacucumber and coelomicfluid	H. Hajjem, A. Mabrouk, Z. Bouabid and N. Hajji Dynamic simulation of closed-loop washing of exhaust gases from sulfuric unit in the start up phase.
12H10-12H30	S. MABROUK1, A. Zgolli, H. Dhaouadi Elaboration and characterization of activated carbon form grape seeds by chemical activation with H3PO4	Imen Abcha, Safa Souilem, Mitsutoshi Nakajima Solubility enhancement of Apigenin using oils as green solvents	Nedra Abbes, Jun Xu, Nèjib Sejri Green Synthesis and Characterization of Zinc oxide nanoparticles from Chinese wolfberry bud Tea	Mohamed Abdelwaheb, Aïcha Ayeb, Hatem Dhaouadi, Sonia Dridi-Dhaouadi, Aránzazu Peña Risk of water contamination: Adsorption of dimethoate on a Mediterranean soil
12H30	Closing Ceremony			
13H00	Lunch			

Addendum - Day 2 - Room 5

Day 2 Saturday, 28 May	
Oral Session 2	
11H15- 12H55	Room 5 <i>Chairman : Hatem Majdoub / Hatem Dhaouadi</i>
11H15- 11H35	Nedra Dhouibi, Manel Ben Ticha, Houda Raddaoui , Chedly Boudokhane, and Hatem Dhaouadi A Sustainable Phytodyeing Process for Wool Fabrics with residual Hydrodistillation Effluent
11H35-11H55	Amira GHABI and Taoufik BOUBAKER Nucleophilicities of para-substituted aniline radical cations in acetonitrile : Kinetic investigation andstructure-reactivity relationships
11H55-12H15	H. Slimi, T.Ollevier and J.Kraiem Organic carbonates as green and reusable solvents in Friedel- crafts benzylation
12H15-12H35	Feriel Necibi, Taoufik Boubaker, Julien Roger, Jean-Cyrille Hiero Nucleophilicity Parameters for Nitroalkyl Anions in Methanol: Kinetic Study and Structure-Reactivity Analysis
12H35-12H55	Fatma Bhiri, Mejed Chemli, Nicolas Leclerc and Mustapha Majdoub A turn-on Schiff base fluorescence sensor based on carbazole chromophore unit for the selective detection of heavy metals



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