

Session III

Materials, Nanomaterials

Chair: Pr. Chafik El Idrissi, Faculty of Sciences, Ibn Tofail University

14h45 – 15h00	Characterization, application, and elaboration of glasses via different soft chemistry methods A. Rguibi, K. Ba, R. Driss, H. El Aadad, T. Jermoumi, A. Hsini, A. Shaim, A. Chahine
15h00 – 15h15	Synthesis of phosphate materials, Vibrational and Electrochemical studies H. El Harmouchi, O. Moumouche, S. Alami, Ait Hmid Lahsen, N. Dkhireche, M. Harcharras
15h15 – 15h30	Elaboration, caractérisation et évaluation des performances d'un nouveau matériau adsorbant oxyde de Graphene-éthylène diamine-cellulose : études cinétiques, thermodynamiques et application dans l'adsorption du colorant cationique bleu de méthylène A. El Amri, A. Lebki, F.Z. Bouhassane, B. Zarrik, E.H. Rifi, A. Lebki
15h30 – 15h45	Feasibility of electrodialysis in heavy metals removal from acid copper plating baths S. Benalla, M. Zait, M. Tahaik, M. Taky, A. Elmidaoui
15h45 – 16h00	Design of new carbazole-thiophene based Hole Transport Materials for Perovskite Solar Cells Z. El Fakir, A. Idrissi, R. Atir, A. Habsaoui, S. Bouzakraoui
16h00 – 16h15	Synthesis of benzimidazoles catalyzed by layered α-zirconium phosphate: Effect of calcination temperature K. Sadraoui, T. Ahlelhaj, K. Elmejdoubi, B. Chafik El Idrissi, A. El yacoubi, M. El Hazzat, B. Sallek
16h15 – 16h30	Thiophene-based hole-transport materials for efficient perovskite solar cells as well as narrow bandgaps donors for organic solar cells A. Idrissi, Z. Elfakir, R. Atir, A. Habsaoui, S. Bouzakraoui
16h30 – 17h00	Coffee Break
17h00 – 17h15	Electrochemical studies in different media and Vibrational spectra of AMPO4 and A2MP2O7 O. Moumouche, H. El Harmouchi, S. Alami, R. Khaoulaf, K. Brouzi, M. Ouakki, M. Harcharras
17h15 – 17h30	Using egg ovalbumin to synthesize pure α-Fe2O3 and cobalt doped α-Fe2O3: Structural, Morphological, Optical and photocatalytic properties S. Hmamouchi, A. El Yacoubi, B. Chafik El Idrissi
17h30 – 17h45	Optimization of the synthesis of oxazinones by a potential heterogeneous catalysis T. Ahl elhaj, K. Sadraoui, K. Elmejdoubi, B. Chafik El Idrissi, A. El Yakoubi, Y. ELrhayam, B. Sallek
17h45 – 18h00	Chemical, Electrochemical, Theoretical and Surface Morphology Studies of Triazepine Carboxylate Compounds as Corrosion Inhibitors for Mild Steel in Hydrochloric Acid Medium K. Alaoui, S. Jaouhari, Z. Ahellal, A. Kamal, A. Habsaoui, M. Ebn Touhami. Y. El Kacimi
18h00 – 18h15	Investigation of brass corrosion inhibition in 200 ppm NaCl solution by new diacetate derivative: experimental study, spectroscopy analysis and theoretical approach H. Hailou, M. Ait Himi, S. Taghzout, M. Dahbi, C. Hajjaj, R. Tour, H. El Kafssaoui, M. Ebn Touhami
18h15 – 18h30	Closing Ceremony



The first
Doctoral Day

May 19th 2022
8AM - 6:30PM

Amphi bleu,
Ecole Nationale
Supérieure de Chimie
Kénitra



program

8h00 – 8h30

Registrations

8h30 –9h00

Opening Ceremony

- Pr Azzedine Elmidaoui, President, Ibn Tofail University
- Pr Mohamed Ebn Touhami, Dean, Faculty of Sciences, Ibn Tofail University
- Pr Mohammed Cherkaoui, Director, National High School of Chemistry, Ibn Tofail University
- Pr Mohamed Taky, Director, Laboratory of Advanced Materials and Process Engineering, Faculty of Sciences, Ibn Tofail University

9h00 – 9h30

Coffee break

Session I

Environment, Water, Energy

Chair: Pr. Oudda, Faculty of Sciences, Ibn Tofail University

9h30 – 9h45

Valorization of turkey slaughterhouse waste through the production of bio methane via anaerobic digestion

S. Habchi, B. Sallek, H. El Bari

9h45 – 10h00

Numerical investigation of the effect of fins parameters on the energetic performance of a Phase Change Materials (PCM) regenerator

M. El Fiti, M. Salihi, Y. Harmen, L. Zaaraoui, A. Chebak, F.E. M'Hamdi Alaoui, Y. Chhiti

10h00 – 10h15

Energetic Performance Evaluation of Walls Incorporating Phase Change Material (PCM) Under Semi-Arid Climate of Benguerir City

M. Salihi, M. El Fiti, Y. Harmen, L. Zaaraoui, A. Chebak, F.E. M'Hamdi Alaoui, C. Jama, Y. Chhiti

10h15 – 10h30

Nitrate removal by Nanofiltration powered by a hybrid system of renewable energies (solar and wind): technico-economic assessment

H. Jalté, S. El-Ghizel, M. Tahaikt, M. Taky, A. Elmidaoui

10h30 – 10h45

Généralités sur l'ammonium et Méthodes d'élimination de l'ammonium des eaux

M. Harza, S. Belhamidi, M. Tahaikt, A. Elmidaoui, M. Taky

10h45 – 11h00

Bio-désulfuration pour la réduction de l'hydrogène sulfuré dans le biogaz

L. El haidani, F. Elazhar, A. Elmidaoui, M. Taky

11h00 – 11h15

Performance of membrane bioreactor in the treatment of industrial wastewater from fish canning

H. Ayyoub, S. Elmoutez, S. Kitanou, M. Tahaikt, M. Taky, A. Elmidaoui

11h15 – 11h30

Élimination des nitrates des eau souterraines par la résine échangeuse d'anions fortement basique, Duolite A161 (type 1) : Faisabilité et optimisation

K. Sofaini, S. Belhamidi, M. Taky, A. Elmidaoui

11h30 – 11h45

Performance of three ultrafiltration ceramic membranes in reducing polluting load of landfill leachate

M. Zait, M. S. Benalla, B. Bachiri, M. Tahaikt, D. Dhiba, A. Elmidaoui, M. Taky

11h45 – 12h00

Enquête ethnobotanique à propos des plantes médicinales utilisées dans le traitement traditionnel du vitiligo au Maroc

K. Mortadi, A. EL Amri, A. Lebki, E.M. Hbaiz, H. Cherkaoui, A. Lebki

Session II

Green Chemistry, Process Engineering

Chair: Pr. Sallek, Faculty of Sciences, Ibn Tofail University

12h00 – 12h15

Adsorption de colorant safranine par une argile naturelle : étude cinétique, thermodynamique et modélisation mathématique

B. Abbou, I. Lebki, L. Kadiri, A. Ouass, A. El Amri, A. Habsaoui, A. Lebki, El Housseine Rifi

12h15 – 12h30

Caractérisation du transfert des ions et modélisation du colmatage dans les membranes de nanofiltration et d'osmose inverse

H. Zeggar, J. Tour, S. El-Ghizel, F. Elazhar, M. Tahaikt, A. Elmidaoui, M. Taky

12h30 – 12h45

Fouling investigation in ultrafiltration membrane: influence of the circulation velocity

M. Farah, F.Z. Addar, M. Belfaqir, M. Tahaikt, M. Taky, A. Elmidaoui

12h45 – 13h00

Fluoride Removal by nanofiltration: Experimentation, Modelling and Prediction Based on the Surface Response Method

F.Z. Addar, M. Belfaqir, M. Tahaikt, M. Taky, A. Elmidaoui

13h00 – 13h15

Modeling of fluoride ion transfer in NF270 nanofiltration membrane

I. Mohamed, M. Tahaikt, M. Taky, A. Elmidaoui

13h15 – 13h30

Elimination des métaux lourds des effluents de dinanderie par une résine échangeuse d'ions

I. Jouhar, S. Benalla, M. Tahaikt, A. Elmidaoui, M. Taky

13h30 – 13h45

Opuntia ficus indica seeds extract as a green corrosion inhibitor in 3.5% NaCl; Electrochemical and DFT studies

Y. El Bouazzaoui, A.Habsaoui, M.Galai, A.Idrissi, N.Dkhireche, S. Bouzakraoui, M.Ebn Touham

13h45 – 14h45

lunch break