

Curriculum Vitae



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Scientific Articles: 92
Scientific Reviews: 02
Patent: 00
Book Chapters: 03
Edited Book: -
Authored Book: -
Conferences Presentations: More than 80
Invited/Keynote Speaker: 13
Total Citations: 1841
H-index: 24 (Google Scholar)

1. GENERAL INFORMATION

1.1. Positions Held:

Since 2014: Full Professor (Title "C") at Cadi-Ayyad University of Marrakech

1.2. Education

September 1997: HDR (State Doctorat). Cadi- Ayyad University of Marrakech (Morocco)

Speciality: Polymer Chemistry

September 1993: PhD, University of Jean Monnet of St-Etienne (France)

Speciality: Macromolecular Chemistry (Polymer Chemistry)

July 1989: DEA (Master)- School of Mines of St-Etienne (France). **Specialty:** Process Engineering

June 1988: Master's degree - Faculty of Sciences - Ain-Chock University - Casablanca

Specialty: Chemistry (Option: Organic Chemistry and Physical Chemistry)

2. AWARDS & HONORS

* **Award of Innovation, Research-Development and Technology (INNOV' ACT)**, 4th edition, 2005, organized by the Moroccan Association R&D (Member of the winner Team).

* **Fulbright Award**, Polytechnic University New York, 2014

3- RESEARCH ACTIVITIES TOPICS

Topic 1:

Synthesi and characterization (co)polymers and nanocomposites for energy and coatings

Topic 2:

Biodegradables and /or biobased polymers and bionanocomposites for coating (fertilizes, anticorrosion.). capacitor systems...

4. PUBLICATIONS

4.1. Journal Articles

92 Peer-review papers. H-index: 24 (google scholar). citations:1841

<https://scholar.google.fr/citations?user=kaNdG2oAAAAJ&hl=fr>

Scopus ID: 7801554001. <https://www.scopus.com/authid/detail.uri?authorId=7801554001>

ID ORCID 0000-0001-9284-8428. <https://orcid.org/0000-0001-9284-8428>

Example of paper from 2019-2023

1- "Synthesis and Characterization of Core–Double-Shell-Structured PVDF-grafted-BaTiO₃/P(VDF-co-HFP) Nanocomposite Films"

Fatima Ezzahra Bouharras, Salima Atlas, Simone Capaccioli, Massimiliano Labardi, Abdelghani Hajlane, Bruno Ameduri, **Mustapha Raihane**. *Polymers*, **2023**, 15, 3126. <https://doi.org/10.3390/polym15143126>

2- "Fast Synthesis of crosslinked self-blowing poly(β-hydroxythioether) foams by decarboxylatives-alkylation of thiols

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at room temperature”

Said El Khezraji; Sergio Gonzalez Tomé; Suman Thakur; El-Houssaine Ablouh; Hicham Ben Youcef; **Mustapha Raihane**; Miguel A. Lopez-Manchado; Raquel Verdejo, Mohammed Lahcini. *European Polymer Journal*, 189, **2023**, 111960. <https://doi.org/10.1016/j.eurpolymj.2023.111960>

3- “Exploiting hydrohydroxymethylated sunflower oil grafted on poly(ϵ -caprolactone) as biodegradable coating material of water-soluble fertilizers”

Abdelghani El Mouat; Taha El Assimi; **Mustapha Raihane**; Jérémy Ternel, Hervé Bricout; Eric Monflier, Sébastien Tilloy, Mohammed Lahcini. *Progress in Organic Coatings*, 179, **2023**, 107513. <https://doi.org/10.1016/j.porgcoat.2023.107513>

4- “Dielectric characterization of core-shell structured poly(vinylidene fluoride)-grafted-BaTiO₃ nanocomposites”

Fatima Ezzahra Bouharras, Massimiliano Labardi, Elpidio Tombari, Simone Capaccioli, **Mustapha Raihane**, Bruno Améduri. *Polymers* **2023**, 15 (3), 595; <https://doi.org/10.3390/polym15030595>

5- “Thermoset nanocomposites reinforced by vinyl-functionalized halloysite”

Seda Bekin Acar, Kevser Ozdemir, **Mustapha Raihane**, Mohammed Lahcini, Mehmet Atilla Tasdelen. *Polymer Composites*. 44 (1) 148-155, **2023**. <https://doi.org/10.1002/pc.27033>

6- “Synthesis of novel non isocyanate polyurethane/functionalised boron nitride composites ”

Said El Khazraji; Manal Chaib; Suman Thakur; **Raihane Mustapha**; Miguel A. Lopez-Manchado; Mohammed Lahcini. Raquel Verdejo. *Polymers* **2022**, 14, 3934. <https://doi.org/10.3390/polym14193934>

7- “Poly(methyl methacrylate) grafted carboxy-methylcellulose as an amphiphilic coating material for slow-release fertilizers »

Boutriouia, El Hassan; El assimi, Taha; **Raihane, Mustapha**; Beniazza, Redouane; Ben youcef, Hicham; Khoulood, Mehdi; Baouab, Mohamed Hassen V; El Kadib, Abdelkrim; Lahcini, Mohammed. *Progress in Organic Coatings*. 172 , **2022**, 107102. <https://doi.org/10.1016/j.porgcoat.2022.107102>

8- “Use of novel non-toxic bismuth catalyst for the preparation of flexible polyurethane foam”

Said El Khezraji, Suman Thakur, **Mustapha Raihane**, Miguel A. Lopez-Manchado, Larbi Belachemi, Raquel Verdejo, Mohammed Lahcini. *Polymers* **2021**, 13 (24), 4460. <https://doi.org/10.3390/polym13244460>

9-“Singling out the role of the molecular weight in the crystallization kinetics of polyester bio-nanocomposites obtained by *in situ* polycondensation”

Donata Ines Maria Catalano, Lucia Conzatti, Mohamed Ilouk, Mohamed Lahcini, Antonella Manariti, Elena Maurina, **Mustapha Raihane**, Benaissa Rhouta, Valter Castelvetro. *ACS. Applied polymer Materials*. **2021**, 3, 11, 5405–5415. <https://doi.org/10.1021/acsapm.1c00684>

10-“In-situ Preparation of Halloysite Nanotube-Epoxy Thermoset Nanocomposites via Light-Induced Cationic Polymerization”

Seda Bekin Acar, Mustafa Ciftci, Fatima Ezzahra Bouharras, **Mustapha Raihane** and Mehmet Atilla Tasdelen. *European Polymer Journal* 158, **2021**, 110682. <https://doi.org/10.1016/j.eurpolymj.2021.110682>

11-“Synthesis and antibacterial behavior of Bio-composite materials-based on Poly(ϵ -caprolactone)/Bentonite”.

Abderrahmane Nabgui, Taha El Assimi, Abdellatif El Meziane, Gerrit A Luinstra, Khalid Draoui, **Mustapha Raihane**, Géraldine, Gouhier, Benaissa Rhouta and Mohammed Lahcini. *European Polymer Journal*.156, **2021**, 110602. <https://doi.org/10.1016/j.eurpolymj.2021.110602>

12-“Waterborne Butyl Methacrylate (co)polymers Prepared by Pickering Emulsion Polymerization : Insight of their use as Coating Materials For Slow Release-Fertilizers”

Asma Sofyane, Emna Ben Ayed, Mohammd Lahcini, Mehdi Khoulood, Hamid Kaddami, Bruno Ameduri, Sami Boufi, **Mustapha Raihane** *European Polymer Journal* 156, **2021**, 110598. <https://doi.org/10.1016/j.eurpolymj.2021.110598>

13-“Polylactide / Cellulose Acetate Biocomposite as Potential Coating Membranes for Controlled and slow Nutrients Release from Water-soluble Fertilizers ”

Taha El Assimi; Roko Blažić; Elvira Vidović; **Mustapha Raihane**; Abdellatif El Meziane; Mohamed Hassen V Baouab; Mehdi Khoulood; Redouane Beniazza; Hans Rytger Kricheldorf, Mohammed Lahcini. *Progress in Organic Coatings* 156, **2021**, 106255. <https://doi.org/10.1016/j.porgcoat.2021.106255>

14- “Interfacial characteristics of Poly(ϵ -caprolactone)-grafted-halloysites nanotubes bionanocomposites”

Nouha Ghorbel, **Mustapha Raihane**, Mohammed Lahcini, A. Kallel. *Polymer Engineering and Sciences*. 61 (2), 397-409, **2021**. <https://doi.org/10.1002/pen.25583>

15-“Halloysite Containing Thermoset Nanocomposites via Free Radical Photocrosslinking Polymerization “

Onur Turp, Seda Bekin Acar, Kevser Ozdemir, Fatima Ezzahra Bouharras, **Mustapha Raihane** and Mehmet Atilla Tasdelen. *Macromolecular Chemistry and physics*. **2020**, 2000197. <https://doi.org/10.1002/macp.202000197>

16-“Dielectric and thermal characteristics of poly(butylene succinate) nanocomposites reinforced with Beidellite nanoclay ”

Imene Ezzeddine, Mohamed Ilouk, Mourad Arous, Ali Kallel, Mohammed Lahcini, FZ. Bouharras, **Mustapha Raihane**. *Materials Chemistry and Physics*. 258, **2021**, 123855. <https://doi.org/10.1016/j.matchemphys.2020.123855>

17-“Evaluation of core–shell poly(vinylidene fluoride)-grafted-Barium titanate (PVDF-g-BaTiO₃) nanocomposites as a cathode binder in batteries”

Fatima Ezzahra Bouharras, **Mustapha Raihane**, Mohamed Baccour, Nicolas Louvain, Bruno Ameduri *Solid state Ionics*. 356 (**2020**) 115441. <https://doi.org/10.1016/j.ssi.2020.115441>

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- 18-"The relationship of structure, thermal and water vapor permeability barrier properties of poly(butylene succinate)/ organomodified beidellite clay bionanocomposites prepared by *in-situ* polycondensation" Mohamed IIsouk, **Mustapha Raihane**, Benaissa Rhouta, Remo Merijs Meri, Janis Zicans, Jana Vecstaudža, Mohammed Lahcini. *RSC Advances*, **2020**, 10, 37314-37326. <https://doi.org/10.1039/D0RA07521C>
- 19-"Structure, thermal and mechanical properties of poly(ϵ -caprolactone)/organomodified clay bionano- composites prepared in open air by in situ polymerization"
H. Elghaoui, S. Hrichi, **M. Raihane**, M. Arous, F. Z. Bouharras, R. Verdejo, R. Beniazza, M. IIsouk M. A. Lopez-Manchado, and M. Lahcini, *Journal of Macromolecular Science, Part A: Pure and Applied Chemistry* 57 (12), 865-875, **2020**. <https://doi.org/10.1080/10601325.2020.1800412>
- 20-"Dielectric characterizations of poly(Acrylonitrile-co-2,2,2-Trifluoroethyl methacrylate) copolymer/ organomodified Moroccan beidellite clay nanocomposites". Sirine Takta, Helmi Hammami, Ali Kallel, Fatima Ezzahra Bouharras, **Mustapha Raihane**. *Polymer Composites*. 41 (11), 4907-4919, **2020**. <https://doi.org/10.1002/pc.25762>
- 21-"Sustainable coating material based on chitosan-clay composite and Paraffin wax for Slow-Release DAP Fertilizer" Taha EL Assimi, Omar Lakbita, Abdellatif El Meziane, Mehdi Khouloud, Abdelmalek Dahchour, Redouane Beniazza, Rachid Boulif, **Mustapha Raihane**, Mohammed Lahcini. *International Journal of Biological Macromolecules* 161, 492-502, **2020**. Doi: 10.1016/j.ijbiomac.2020.06.074
- 22-"Poly(ϵ caprolactone)-g-Guar Gum and Poly(ϵ -caprolactone)-g-Halloysite nanotubes as Coatings for Slow-Release DAP Fertilizer"
T. EL Assimi, M. Chaib, **M. Raihane**, A. El Meziane, M. Khouloud, R. Benhida, R. Beniazza, M. Lahcini *Journal of Polymers and the Environment*. 28, 2078–2090 (**2020**). <https://doi.org/10.1007/s10924-020-01750-7>
- 23-"Properties of Coated Slow-Release Diammonium Phosphate (DAP) Fertilizers Based on Biobased Amino Oil" A. Sofyane, M. Lahcini, A. El Meziane, M. Khouloud, A. Dahchour, S. Caillol, **M. Raihane**. *Journal of the American Oil Chemists' Society*. 97 (7), 751-763, **2020**. <https://doi.org/10.1002/aocs.12360>
- 24- Synergistic Effect of Halloysite Nanotube and Nanocellulose on Thermal and Mechanical Properties of Poly (Ethyl methacrylate-co-Acrylonitrile) Bionanocomposites"
Karima Ben Hamou, Amal Kadimi, Remo Merijs Meri, Sergei Gaidukov, Hamid Kaddami, **Mustapha Raihane**, Mouhamed Lahcini, Fouad Erchiqui. *Journal of Renewable Materials*. 8 (3) **2020**,.301-317. <https://doi.org/10.32604/jrm.2020.08141>
- 25-"Preparation and dielectric properties of poly(acrylonitrile-co-2,2,2-trifluoroethyl methacrylate) material via radical emulsion copolymerization"
Amal Kadimi, Hamid Kaddami Zoubeida Ounaies, Youssef Habibi, Reiner Dieden, Bruno Ameduri, **Mustapha Raihane**. *Polymer Chemistry*, **2019**, 10, 5507-5521. <https://doi.org/10.1039/C9PY00673G>
- 26-"Synthesis of poly(ϵ -caprolactone)-grafted-guar gum by surface-initiated ring-opening polymerization Taha El Assimi,; Roko Blažić; Abdelkrim El Kadib; **Mustapha Raihane**, Redouane Beniazza; Gerrit A. Luinstra; Elvira Vidović. *Carbohydrate Polymers*, 220, **2019**, 95-102. <https://doi.org/10.1016/j.carbpol.2019.05.049>
- 27-"Organotin-Bridged-Ionic Liquid as a Solvent-free, Leaching-resistive Catalyst for Ring Opening Polymerization" Bouyahya, Asmaa, Balieu, Sébastien, Beniazza, Redouane, **Raihane, Mustapha**, El Kadib, Abdelkrim Le Cerf, D, Thebault, Pascal, Gouhier, Geraldine, Lachini, Mohammed. *New Journal of Chemistry* **2019**,43, 5872-5878. <https://doi.org/10.1039/C8NJ05985C>
- 28-"Core shell structured poly(vinylidene fluoride) -grafted- BaTiO₃ nanocomposites prepared via Reversible Addition-fragmentation chain transfer (RAFT) polymerization of VDF for high energy storage capacitors" Fatima Ezzahra Bouharras, **Mustapha Raihane**, Gilles Silly, Bruno Ameduri, *Polymer Chemistry*, **2019**, 10, 891-904. <https://doi.org/10.1039/C8PY01706A>
- 29- "Effect of clay on the dielectric properties of novel fluorinated methacrylate nanocomposites"
Hanan Douiri, **Mustapha Raihane**, Mourad Arous, Mohamed IIsouk, Mohammed Lahcini, Yusuf Yagci, Mehmet Atilla Tasdelen, Ali Kallel. *Polymer Composites* **2019**, 40, 8, 3333-3334. <https://doi.org/10.1002/pc.25192>
- 30-"Dielectric and electric properties of poly (ϵ -caprolactone)/ organomodified clay bionanocomposites prepared in open air by in situ polymerization".
Hrichi, Soulef; Arous, Mourad; **Raihane, Mustapha**; Lahcini, Mohamed; Elghaoui, Hanane; Bouharras, Fatima; Kallel Ali, *Journal of Advances in Physics*, 15, 6079-6098, (**2019**). <https://doi.org/10.24297/jap.v15i0.8015>

4.2. Peer-Reviewed Conference Proceedings

- "Slow-Release Fertilizers Based on Starch acetate/ Glycerol/ Polyvinyl Alcohol biocomposites for Sustained Nutrient Release" A. Sofyane, E. Ablouh, M. Lahcini, A. Elmeziane, M. Khouloud, H. Kaddami and **M. Raihane**. *Materials Today: Proceedings*. 36 (1), 74-81, **2021**. <https://doi.org/10.1016/j.matpr.2020.05.319>.

4.3. Reviews, Book Chapters, Editorials, Books

Reviews

- 1-"Overview on progress in polysaccharides and aliphatic polyesters as coating of water-soluble fertilizers"

Curriculum Vitae

Taha El Assimi; Redouane Beniazza; **Mustapha Raihane**; Hicham Benyoucef; Abdellatif El Meziane; Hans Kricheldorf; Mohammed Lahcini. *Journal of Coatings Technology and Research*. 19, **2022**, 989-1007. <https://doi.org/10.1007/s11998-022-00613-1>

2-«Recent Progress on Core-Shell Structured BaTiO₃ / Fluorinated Polymers Nanocomposites for High Energy Storage: Synthesis, Dielectric properties, and Applications ».

Fatima Ezzahra Bouharras, **Mustapha Raihane**, Bruno Ameduri. *Progress in Materials Science*, 113, **2021**, 100670. <https://doi.org/10.1016/j.pmatsci.2020.100670>

Book Chapters

1-Book : Handbook of Fluoropolymer Science & Technology

Edited by Smith, D. W., Jr.; Iacono, S. T.; Iyer, S., Eds. Wiley, 2014
ISBN: 978-0-47-007993-5

Chapter 20: Dielectric Fluoropolymers (pages 453-496).

Authors: **M. RAIHANE** (Marrakech) & B. AMEDURI (Montpellier)

2-Book: Engineered Polymer Nanocomposites For Energy Harvesting Applications

Edited by M. T. Rahul, Sabu Thomas, Bruno Ameduri, Didier Rouxel, and Raneesh Balakrishnan. Elsevier, 2022
ISBN: 978-0-12-824155-4

Chapter 1: Recent Advances in Vinylidene fluoride copolymers and their applications as nanomaterials

Fatima Ezzahra BOUHARRAS, **Mustapha RAIHANE**, and Bruno AMEDURI

3-Book: Macromolecular Engineering: From Precise Synthesis to Macroscopic Materials and Applications

Edited by Krzysztof Matyjaszewski, Yves Gnanou, Nikos Hadjichristidis, Murugappan Muthukumar, Sergei Sheiko.

Chapter: Fluoropolymers for Automotive and Aerospace Industries

Fatima Ezzahra BOUHARRAS, **Mustapha RAIHANE**, Gérald LOPEZ and Bruno AMEDURI

ISBN-13: **978-3527344550**. Edition 2nd. Publisher **Wiley-VCH**. Publication date. **March 28, 2022**

Nombre de pages :3264

4.4. Ph.D. Theses (Since 2009)

Defended Theses (Supervision and co-supervision): 10 PhD students

5. INVITED SEMINARS, DISTINGUISHED AND PLENARY LECTURES, COLLOQUIA, WORKSHOPS

1- Invited Seminars

1-1 Seminar at University of Pisa (Italy): 2006, 2008, 2010 and 2023

1-2 Seminar at University of Zagreb (Croatia): 2019, 2022

1-3 Seminar at Istanbul Technical University (Turkey): 2015,

1-4 Seminar at ICG- Montpellier (France) : 2006, 2017, 2018.

1-5 Seminar at RTU-Riga (Latvia) : 2017

2- Invited Speakers Colloquia, Workshops

2-1 Fluoropolymer Meetings (American Chemical Society- Polymer Division):

* **Title:** "Advances in Radical Copolymerization of Fluorinated Monomers with Cyano comonomers: Synthesis, Characterization, and Properties"

Fluoropolymer 2010. June 13th-16th, 2010. Meze (France).

* **Title:** "Dielectric copolymers based on fluorinated acrylate monomers and cyano comonomers: Synthesis, characterization and properties"

Fluoropolymer 2012. October, 14th to 17th, 2012. Las-Vegas, Nevada (USA)

* **Title:** "Thermal Properties of Fluorocycano Copolymers Based on Fluorinated Acrylates Investigated by DSC and TGA Analyses"

Fluoropolymer 2014. October, 13th-16th, 2014. San-Diego, CA (USA)

* **Title:** "In Situ Synthesis of Novel Fluorinated Methacrylate/Clay Nanocomposites by Radical Polymerization: Structure and Characterizations"

Fluoropolymer 2016. October 2nd - 5th, 2016. New-Orleans, LA (USA)

* **Title:** "BaTiO₃/PVDF Nanocomposites from RAFT & Click Chemistry"

Fluoropolymer 2018. June 24th-27th, 2018. Denver, CO (USA)

* **Title:** "Fluorinated (co)polymers as coating materials for slow-release fertilizers: structure and properties"

Fluoropolymer 2023., June 18th-21th, 2023. Denver, CO (USA)

2-2 European Polymer Congress:

Curriculum Vitae

* **Title:** “Radical copolymerization of Fluorinated Acrylate Monomers with Cyano Monomers For Dielectric Materials: Structure, Characterization and Properties”

European Polymer Congress (EPF). 16th-21th June, 2013. Pisa (Italy)

* **Title:** “Core shell structured Poly(vinylidene fluoride)-grafted-BaTiO₃/ nanocomposites prepared via RAFT polymerization of VDF for high energy storage capacitors”

European Polymer Congress (EPF). 09th-14th June, 2019. Crète (Greece)

2-3 Others conferences:

* **Title:** « Polyester aliphatique biodégradable (PBS)/ argile marocaine nanocomposites: structure & caractérisations ».

* **Title:** “Slow controlled-release fertilizer encapsulated by biobased amino oil coating

International Conference for Research on Phosphates and Derivatives. Phosphate Days 2018. Ben guérir, Morocco, 12th and 13th November 2018.

* **Title:** “Molecular Dynamics of Fluorinated Methacrylate/Clay Nanocomposites investigated by Dielectric Relaxation Spectroscopy”

10th International Conference on Broadband Dielectric Spectroscopy and its Applications August 26th -31th, 2018, Brussels (Belgium).

* **Title:** “Slow controlled-release fertilizer encapsulated by biobased amino oil coating”

Symphos, Ben guérir, 7th -9th October 2019

* **Title:** “Properties of coated slow-release diammonium phosphate (DAP) fertilizers based on biobased oil and poly(ε-caprolactone) bioblends”.

1st International Conference on Biomass Valorization for Sustainable Applications - BIOVASA2023. 2nd-3th November 2023, Marrakech, Morocco.

3-Expert reviewer of research projects

1-Expert reviewer of National Center of Research and Technology (CNRST):

1-1. Three agreements:

1-2. Duration: 3 years/Each agreement:

* From April 2014-April 2017

* From July 2018-July 2021

* From February 2023 to January 2026

1-3. 24 reviewed projects:

* Projet de Coopération CNRST (Maroc)-FCT (Portugal) : 2 projects

* Projet de Coopération CNRST (Maroc)- NRDIO (Hongrie) : 2 projects

* Projet dans le domaine de la valorisation des plantes médicinales et aromatiques : 01 project

* Recherche et développement technologique dans les domaines prioritaires (PPR) : 04 project

* Projet FINCOME : 01 project

* Projet PHC Maghreb : 03 projects

* Comité Technique Mixte Maroc-Tunisien pour la coopération dans le domaine de recherche et d'innovation : 03 projects

* Programme de Coopération CNRST (Maroc)- TUBITAK (Turquie) : 02 project

* Programme de Coopération CNRST (Maroc)- CNRi (Italie) : 01 project

* Programme de Coopération CNRST (Maroc)- CNRST (France) : 01 project

* Fiche d'évaluation de candidature au Prix Toubkal : 02 project

* Projet dans le cadre du Programme CEDoC (CNRST-Ambassade de France) : 01 project

2-UM6P expert reviewer:

Duration of contract: 5 ans

From February 23 to January 28

4 reviewed projects (OCP FLAGSHIP PROGRAMMS)

4-PhD Thesis Reviewers (2019-2023): 13

7. FUNDING

7.1. Active or Approved

Active or Approved Funding as Principal Investigator (PI): 15 projects

8. SERVICE

8.1. Conferences (in chronological order)

1-Participation to National and International Conferences

I had participated more than 40 meetings (120 participations: Conferences, orales et Posters) : European Polymer Congress (Europe), Fluoropolymer meeting (USA), Conference of the International, Dielectric Society, JPOA (Polymer national Meeting), International Conference for Research on Phosphates and Derivatives. Phosphate Days, Advanced Polymers via Macromolecular Engineering (APME), Conférence EUROMAGHrébine des BioComposites, Third Edition of International Conference on Biobased Materials and Composites, Polymer Processing Society, PPS- Some examples are given in Section 5.

2-Organizing committee and/or Scientific committee

* **1st International Conference on Biomass Valorization for Sustainable Applications BIOVASA2023**

Faculté des Sciences Semlalia, 2-3 November 2023 Université Cadi Ayyad, Marrakech, Morocco

Organizing committee + Scientific committee

* **4th Euromagh Biocomposites conference biobased materials for a sustainable future spring school**

April 26th- 27th, 2023. University Cadi-Ayyad Conference Center. Marrakech, Morocco

Organizing committee

* **Kebangsaan Malaysia University-Cadi-Ayyad University (UKM-UCA) International Joint Conference on Science and Technology « Empowering Science and Technology”.**

Marrakech 9-11 February, 2016

Organizing committee

* **International Conference on Biobased Materials and Composites (ICBMC 12)**

February, 22-24, 2012, Marrakech, Morocco

Organizing committee + Scientific committee

* **U.S- Morocco-Tunisia Workshop on Entrepreneurship and Innovation in Engineering Education**, February, 27-28, 2012, Marrakech, Morocco

Organizing committee

* **Workshop International sous le thème « Valorisation des sous produits agricoles et biocomposites »**

17 au 19 Juin 2009, Marrakech, Morocco

Organizing committee

* **IMMEA 2007: “International Meeting on Material for Electronic Applications”**

Marrakech du April 30th - May 02^{sd} 2007

Scientific committee

* **3^{ème} Edition des Journées sur les Polymères Organiques et leurs Applications JPOA III.**

Marrakech, Maroc, 27 et 28 Avril 2001

Organizing committee + Scientific committee

8.3. Institutional Level

* Assistant Secretary of the Moroccan association of Organic Materials and their Applications (AMPA)

* Members of the Organization committee of different meetings (section 8.2).

8.4. Faculty Level

2009-2011: Member of Scientific committee of the Faculty

2003- 2008: Member of the Faculty council

2003-2008: Member of the Management committee of the Faculty.

2003-2005: Head of Education Committee of Faculty council

2002 and 2005: Coordinator of the open days of the Faculty of Sciences and Technologies of Marrakech

2009-2011: Member of Scientific committee of the Faculty of Science and Techniques- Marrakech

8.5. Departmental Level

1999-2000: Responsible for the elaboration of the program of Master of Science and Technology (MST) entitled “Elaboration and Transformation of Polymers” (ETP)

2000-2005: Coordinator of Master of Science and Technology (MST) ETP

2001-2003: Director of Laboratory of Bioorganic and Macromolecular Chemistry (LBMC)

2003-2005: Vice-Director of Laboratory of Bioorganic and Macromolecular Chemistry

2005-2013: Responsible of the Doctorate School “Functional Materials” of Chemistry department

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2006-2008: Head of Chemistry department

2008-2013: Member of the Education Council of Master “R&D of physicochemical condenser matter”

2009-2010: Vice Head of Chemistry department

2019-2020: Member of the department council

2011-2019: Director of Laboratory of Organometallic and Macromolecular Chemistry-Composites Materials.

Since 2022: Director of Innovative Materials, Energy and sustainable development (IMED-Lab)

8.6. Peer Review

Review papers invited by journal editors (More than 40 papers):

(i) European Polymer Journal, (ii) Carbohydrate Polymers, (iii) International Journal of Biological Macromolecules, (iv) Heliyon, (v) Industrial Crops & Products, (vi) Materials Today Communications, (vii) Journal of Molecular Liquids, (viii) Journal of Luminescence, (ix) Journal of Polymer Science, (x) Journal of Industrial and Engineering Chemistry, (xi) Journal of Cleaner Production, (xii) Green Materials, (xiii) Journal of Fluorine Chemistry, (xiv) Energy & Environmental Materials, (xv) Chemistry Africa, (xvi) Chemical Engineering Journal, (xvii) Iranian Polymer Journal, (xviii) Journal of Environmental Chemical Engineering, (xix) Science of the Total Environment, (xx) Agronomy, (xxi) Materials, (xxii) Polymers....