



# Journal of Materials and Environmental Science



## = ICMES2018 = Report – Recommendations – Testimonies



The second International Conference on Materials Science and Environment ICMES'18 was organized by Mohammed Premier University, Faculty of Sciences and the Association: Moroccan Center for Development and Science (CEMADES), 26, 27 and 28 April 2018 in Saidia: the blue pearl of the Mediterranean under the theme "New materials for sustainable energy development". Following the success of the first edition organized in December 2016 and as part of the promotion of scientific tourism, ICMES2018 has invited internationally renowned researchers, Moroccans living abroad and radiant in their host society.



More than 350 participants representing 30 countries from all continents were selected from more than 1,000 applications. Sub-Saharan Africans and Maghrebians were at Scientific Rendez-vous alongside European researchers, Canada, Middle East and Japan...



It is a scientific platform to bring together multidisciplinary researchers and industrialists from around the world to expose and discuss the latest discoveries on Materials and their applications in environmental protection for sustainable and efficient development.

Five themes on the agenda of this scientific event: energy and renewable energies, environmental sciences and sustainable development, from Plant to biotechnology and electrical engineering. Our objective is to bring together researchers from different countries in order to pool their expertise and their respective work in order to promote the exchange of ideas and knowledge and to stimulate debates and advances around themes and objects of interest.



More than 20 Speakers presented their recent work. We cite : Prof. Hiroki Oshio of Japan, visiting professor at several Japanese and American universities for more than thirty years inaugurated this great event in Eastern Morocco by discussing the bilateral stability of simple molecule bilateral nuclear complexes.



Mr. Badr, Director of the Research Institute on Solar Energy and New Energies -IRESEN- Rabat presents on Morocco's strategy in new energies in the current and future years as a reference in Africa in this field. Professor Nouredine Chihib of the University of Lille specialist in bacterial biofilm has the action on the contaminations that can take place in the field of agribusiness and precautions to take. Professor Mama Elrhazi, FST, Mohammadia, President of the Moroccan Association of Analytical Chemistry and President of the Federation of African Societies of Chemistry and member of the Union of Arab Chemists, presented the latest developments in conductive polymers based nano, carbon or nanoparticles of metal and the application in the analytic field,



Professor Taibi Ben Hadda from the Faculty of Sciences Oujda, gave an overview on a new method of predicting the therapeutic activities of molecules in relation to their molecular architecture. This recent theme is the result of a scientific collaboration in Indian, Pakistani, Saudi and American researchers.





Prof. Yann Garcia from Belgium and Prof. Kamal Boukheddaden from the University of Paris spoke about temperature sensors, pressure sensors and the opportunity to exploit nanomaterial chemicals in industry.



Professor Ahmed Mazzah, Lille France and also invited professor to Germany, Canada & Saudi Arabia: the chemistry of Phosphazene-based organic materials and the multitude of industrial applications.



Prof. Oguzie Emeka, Nigeria gave a conference on natural plants as a new alternative for the protection of metals.



Professor Mohammad Sijaj, Canada has extensive experience in different areas of graphene science. Professor Abdul Razak Douhal at the University of Toledo, Spain, who belongs to the Ahmed Zewail team - Nobel Prize in Chemistry in 1999. He works on perovskite-based solar cells using various high-speed spectroscopy techniques and single molecule microscopy.

Professor Lutz Tietze of Germany distinguished from his research, which approximates five hundred and 38 patents and 6 books, also received the prestigious Gold Medal of the German Society of Chemistry. His scientific research focuses on the development of selective and synthetic methods using domino interactions and the development of selective anti-cancer agents using monoclonal antibodies.





Professor Mourad Errasfa from the Faculty of Medicine and Pharmacy of Fez, former researcher of Harvard University, Boston and New York University, gave a lecture about the Moroccan flagship product par excellence; Argan oil and its role in alternative green medicine. Professor Mohammed Eddaoudi of the University of Florida and King Abdullah's University of Technical Sciences in Jeddah, Saudi Arabia, will also be present. He is one of the most cited researchers in the world in recent years 2014-2017 because of the quality of his research.



Professor Charaf Jama, Lille specializes in cold plasma processes to modify the surface of materials. And Prof. Amin Afilal, Oujda, specialized in the conversion of waste into electrical energy. The last Conference was on Scientific Collaboration and the contribution of Moroccans abroad in relation to the sustainable development of our country.



It is Mr. Brahim ElOuadi, emeritus professor coming from the University of La Rochelle who is doing a collection of data to boost the concrete for a participative approach. ICMES2018 is also attended by Solhi Faisal Al-Shaateet, President of the Yarmouk University of Technology, Jordan, and Prof. Ahmad Eldouhaibi of the Lebanese University in Tripoli, and Prof. Moussa Al Nouaimi, Jordan and Dr. Asmaa Chbani of the Lebanese University.



The official session was chaired by Professor M. Benkaddour, President of Mohamed Premier University, Oujda, Dr. Farid Bentaha, Vice President of the Provincial Council of Berkane and the Pasha of the City of Saidia on Friday evening. The President welcomed participants and speakers and signed a cooperation agreement with Akaba University in Jordan with Professor Solhi Fayssal Al-Shahateet.



He then presented the Mohammed First University Trophies to all the Speakers as well as to the President of Al Akaba University and Professor Rachid Salghi, Oujda laureate and Vice Director of ENSA at the University of Ibn Zohr , Agadir for his Gold Medal Award in South Korea at the Meeting of the Invention in November 2018 on his Moroccan patent, on the research work submitted by him and the Oujda teams and Reims; The members of the ICMES Organizing Committee were also decorated on this occasion.

In addition to these Plenary Conferences, about 150 researchers presented oral communications and 150 researchers through posters. The Scientific Committee is under study to publish more than 100 scientific articles in an Elsevier / Scopus Journal; and the abstracts will be published in an ISBN Book recognized by the National Library of the Kingdom of Morocco in Rabat. We thank all the partners and sponsors who contributed to the success of this International Scientific event.









The aim is to promote scientific tourism par excellence for the Oriental region and to give our young researchers a chance to set up partnerships and / or collaborations and short and long term internships. The Colleagues have agreed that the 3rd edition of ICMES will be in December 2019 in Agadir.







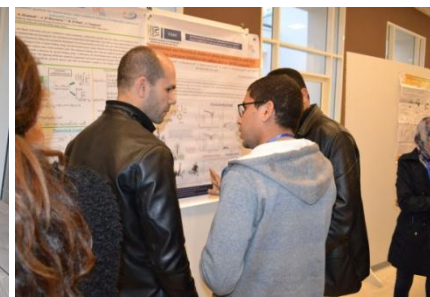
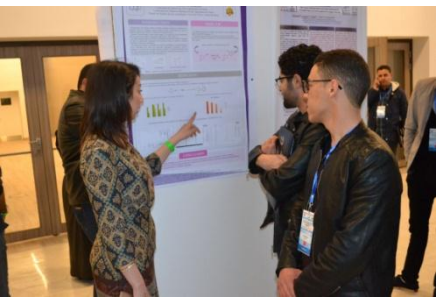
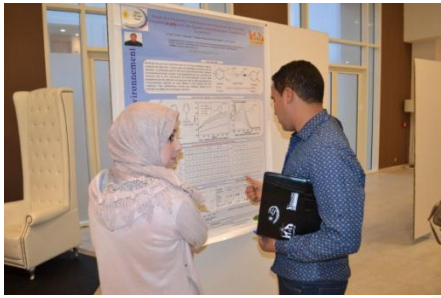
This international scientific meeting is chaired by Mohamed Eddaoudi, Professor at the University of Florida and Research Director at KAUST at King Abdullah University in Jeddah, Saudi Arabia and Hammouti Belkheir Research Professor at the Faculty of Science of the University of Mohammed I Oujda University, President of the Moroccan Center for Development and Science; decorated by HM King Mohammed VI, in 2015.















## ICMES2018- First day under rain

### Below Tafoghalt Mountain & Zegzel cave



### Recommendations

Participants confirmed the conclusion of the 2nd International Conference on Materials and Environmental Science Conference organized by Mohammed Premier University, Faculty of Science, Oujda Morocco and the Association: Moroccan Center for Sciences Development -MoCeDeS, with the participation of 350 participants from 30 Arab and Western states, lasting three days, the importance of broad participation in applied and environmental research in Arab conferences Specializing in chemistry The participants recommended that the role of the Arab League Federation should be operationalized and coordinated with the Arab conferences, with a view to exchange experiences among Arab scientists and to forging closer links among them and world scientists. They also recommended the importance of holding conferences, symposiums and workshops on the use of modern techniques and methods in teaching chemistry, and the possibility of holding a conference in areas specializing in chemistry, encouraging Arab scientists to participate in conferences organized by Arab universities. Participants also recommended that a database of participants and organizers of Arab conferences should be built for reference at future conferences, thereby contributing to the development and exchange of experiences in the area of international conferences. One of the most important recommendations of the conference was a panel discussion on the theme of "the contribution of chemistry to the economy ", and encourage the postgraduate students in universities and alumni and students of the university to submit their research activity and to collaborate in the field of development of new and innovative approaches in materials and their applications in energy and renewable energy, environmental science and sustainable development, biotechnology and electrical engineering.

**Next ICMES2019 will be held in Agadir, Dec 18-20, 2018**

**Welcome Again to the ICMES2019 at Agadir, Morocco**

### Testimonies

**Prof Oshio :** I enjoyed the conference very much, and it was successful. I thank you very much for the invitation and for your very kind hospitality.

**Prof Tietze:** It is my great pleasure and desire to thank you again for the wonderful conference in Saidia, which you have organized. I was very pleased that I could participate in this extraordinary conference with excellent speakers from all over the world with truly international standard. Clearly I also would like to thank all your colleagues who have supported you in the organization; everybody has done an excellent job. Let me just add a few personal impression. My wife and I very much enjoyed our stay in Morocco, all the people were so nice, helpful and friendly, and we can only say the best about your country. We would be very happy to spend some more time in your lovely and wonderful country. Please, also accept my thanks for the pictures you have sent to me.

**Prof Oguzie:** I have just returned to my base in Owerri, Nigeria from the conference in Saidia and want to take a moment to thank you and your team for the most wonderful conference. It was a fruitful and amazing time for me and all the participants. I know you spent many months planning the event and it showed. It was a perfect mix of topics, people, science and social gathering, bravo! The sessions were all relevant and very helpful. I especially liked your selection of keynote speakers. The presenters were well prepared, and the sessions were well attended. Everyone felt that you did a superb job organizing the event, selecting thought-provoking topics, all in a wonderful and comfortable environment. Your fine work, excellent planning and realistic scheduling resulted in an informative and smooth-running conference. You have set a new standard for conference planners. I am happy and excited to see that there will be another ICME in 2019 and sincerely wish I will be invited. Congratulations again for a fabulous conference, the perfect location and the great meals. It was great meeting you and other familiar research personalities in person. Thank you again for including my work in the conference. The warm memories of the warmth and hospitality of the Moroccan people will always be in my heart.

**Prof ElRhazi:** I would like to sincerely thank Mr Hammouti and the organizing committee (Touzani, Jeffali, Aouniti...) for their warm welcome and especially for bringing together researchers from different horizons. I was really happy to meet experienced scientists; and I hope that several cooperations will emerge from this meeting.

**Prof Er-rasfa:** I have enjoyed meeting eminent scientists from all around the world at ICMEs conference. Without doubts, chemistry, biological and medical sciences need this kind of scientific events that allow interactions between scientists and to make better use of science for sustained development.

**Prof K. Boukheddaden:** I had a splendid conference time, enjoying a very rich and attracting program including several topics in chemistry and physics. Such conferences gathering scientists from different fields and horizons are very important not only to build up new emerging collaborations at the interfaces but also for the training of the young students and future researchers. This kind of events constitutes a unique opportunity to break down the wall between researchers of south and north, and so its benefit goes beyond the scientific objectives. Thank you so much for the hospitality and the excellent organization.

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