



THE 4TH MAGHREB CONFERENCE ON DESALINATION AND WATER TREATMENT

“CMTDE 2013”

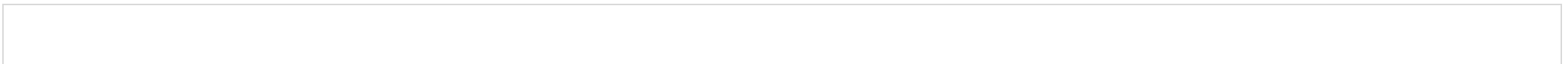


15 – 18 December 2013 Hammamet – Tunisia



Conference Program

The reception of the participants will take place at the hotel “Le Royal Hammamet” on Sunday 15 December 2013 starting from 15h00.



SUNDAY 15 DECEMBER 2013**Free half day**

15:00-19:00	Registration
20:00	Dinner

MONDAY 16 DECEMBER 2013

8:00-9:00	Registration
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Room Carthage

9:00-9:30	Opening Ceremony <ul style="list-style-type: none"> Prof. Béchir Hamrouni, Tunisian Desalination Association President. Official opening (to be confirmed). Prof. Miriam Balaban, General Secretary of European Desalination Society, Editor in chief of the Journal Desalination and Water Treatment.
9:30-10:30	Conference 1 : Jean François FAUVARQUE : Synthesis and characterization of ionically conductive new membranes for electrochemical applications.
10:30-11:00	Coffee break
11:00-11:45	Conference 2 : Burghard MÜLLER : Solar power plant technology and future perspectives for water desalination in the Maghreb region.
11:45-12:30	Conference 3 : Fethi KAMEL : Desalination in North Africa : Experiences and Challenges.
12:30-14:00	Lunch

Oral Communications

	Room Carthage	Room Carthage 1	Room Carthage 2
	Desalination processes	Energy for desalination	Pre-treatment and post-treatment
14:00-14:20	CMTDE_154 : Chérif M., Mkacher I., Ghalloussi R. et al. Experimental investigation of neutralization dialysis in three-compartment membrane stack	CMTDE_102 : Frikha N., Benabdallah S., Gabsi S. Comparison of different configurations for membrane desalination of seawater coupled with solar energy.	CMTDE_105 : Janiszewska Sylwia Effect of temperature on treatment of grey water by electrocoagulation.
14:20-14:40	CMTDE_93 : Frioui Salah Hybrid electrodialysis performances for ultra-selective extraction of heavy metals with similar valence.	CMTDE_26 : Guizani Mokhtar Gravity force driven desalination unit : a sustainable energy substitute of high pressure pumps.	CMTDE_115 : Hchaichi H., Elfil H., Hannachi A. Scaling assessment in brackish water reverse osmosis desalination: the Algerian desert case.
14:40-15:00	CMTDE_135 : Ben Rezzeg S., Selmane Hmida E., Fauvarque J.F. et al. Comparative study of the selectivity of cationic exchange membranes towards the monovalent and bivalent cations. Application in electrodialysis of real solution.	CMTDE_48 : Baayyad I., Semlali N. and Bounahmidi T. Evaluation of energy consumption of a hybrid process of seawater desalination combining freezing and reverse osmosis.	CMTDE_66 : Attour A., Ben Grich N., Tlili M., Ben Amor M. et al. Study of phosphate removal from water by electrocoagulation and chemical coagulation process.
15:00-15:20	CMTDE_122 : Triki Z., Bouaziz M. N. and Boumaza M. Energetic analysis of an industrial seawater reverse osmosis desalination plant.	CMTDE_76 : Zhani K., Zarzoum K. and Ben Bacha H. Design, mathematical modelling and thermal performance evaluation of an air solar heater for desalination process	CMTDE_145 : Brahmi K., Bouguerra W., Missaoui K. et al. Removal of zinc ions from water by electro coagulation process, optimization of operating parameters and reactor design.
15:20-15:40	CMTDE_100 : Kheriji J., Mnif A., Hamrouni B. Study of the influence of operating parameters on boron removal by reverse osmosis and nanofiltration membranes.	CMTDE_165 : Saidi S., Ben Radhia R., Dhifaoui B., Ben Jabrallah S. Experimental study of the inclined solar film evaporator	CMTDE_150 : Missaoui Kh., Bouguerra W., Ben Salha Gh. et al. Defluoridation of south Tunisian brackish water by electrocoagulation using experimental design methodology
15:40-17:00	Coffee break : Poster session 1 : (from CMTDE_1 to CMTDE_80) Posters scheduled for session 1 must be displayed before 14H / Authors are required to remain near their posters during the session for any discussion.		
20:00	Dinner		

TUESDAY 17 DECEMBER 2013**Room Carthage**

9:00-9:45	Conference 4 : <i>Evelyne NGUEN: The EDR, an alternative technology to Reverse Osmosis - presentation of pilot test results.</i>
9:45-10:45	Conference 5 : <i>Pascal COLIN: The water recycling technology - applications in the textile industry and food industry.</i>
10:45-11:15	Coffee break
11:15-12:00	Conference 6 : <i>Pascal COLIN : Zero Liquid Discharge technology.</i>
12:00-12:30	Conference 7 : <i>Gael DUBESSY : The use of organic coagulants in the industry. Applications in recycling.</i>
12:30-13:00	Conference 8 : <i>Gael DUBESSY : Recycling of process water on STRATA: a qualitative solution.</i>
13:00-14:30	Lunch

Oral Communications

	Room Carthage	Room Carthage 1	Room Carthage 2
	Wastewater treatment	Desalination processes/membrane	Pre-treatment and post-treatment
14:30-14:50	CMTDE_36 : Igoud S., Souahi F., Chitour C. et al. Wastewater disinfection by the use of UVA, UVC. and solar radiation.	CMTDE_122 : Triki Z., Bouaziz Med N., Alarbi Miloud Exergetic analysis of an industrial seawater reverse osmosis desalination plant	CMTDE_19 : Ben Nasr A., Walha k, Charcosset C., Ben Amar R. Défluoration des eaux par résines échangeuses d'ions.
14:50-15:10	CMTDE_74 : Wahab M. A., Jellali S., Jedidi N. Ammonium removal and recovery from municipal wastewater onto sawdust under dynamic conditions.	CMTDE_123 : Elarbi AA, Shames HA, Awidan HM, ElMarghani MA Integrated membrane systems (IMS) for Tajoura seawater plant.	CMTDE_147 : Mouelhi M., Giraudet S., Amrane A. et B.Hamrouni Competitive adsorption between fluoride and natural organic matter on activate alumina.
15:10-15:30	CMTDE_82 : Moussaoui Y., Saad M. EK., Rabaoui N. et al. Removal of methylene blue onto mineral matrices.	CMTDE_42 : Xia Shengji, Zhou Yumin and Chen Jianwei Study of forward membrane fouling with different organic matter.	CMTDE_12 : Debih H., Gebefügi Istvan Pecific sorption of complex organic mixtures from river waters on layered montmorillonites : an ICR-FTMS investigation on a molecular level.
15:30-15:50	CMTDE_85: Nakib M., Kettab A., Khaled Houli S. Study of the possibilities of use of treated water and sewage sludge in agriculture, cases of treatment station of Chenoua (Algeria).	CMTDE_21 : Nakoa K., Date A., Akbarzadeh A. A research on water desalination using membrane distillation.	CMTDE_44 : Chrayet B., Meganem F. Removal of heavy metals from aqueous solutions using Tunisian smectitic clay intercalating crowns ethers.
15:50-16:10	CMTDE_40 : Boukhemkhem A. and Ridha Kamel Improvement adsorption capacity of methylene blue of tamazert kaolin.	CMTDE_137 : Ben Ali M., Mnif A., Haddagi M., Hamrouni B. An autopsy study of afouled RO membrane element used in CPR municipal water desalination plant	CMTDE_152 : Tabassi D. and Hamrouni B. Adsorptive removal of phenol from aqueous solution over granular activated carbon : optimization through experimental design methodology
16:10-17:00	Coffee break : Poster session 2: (from CMTDE_81 to CMTDE_168) Posters scheduled for session 2 must be displayed before 14H / Authors are required to remain near their posters during the session for any discussion		
20:00	Dinner		

WEDNESDAY 18 DECEMBER 2013

Free half day

10:00-12:00	General Assembly : Election of the executive committee of the Tunisian Desalination Association (TDA)
12:00	Lunch

