

International Joint Seminar on Science and Technology Marrakesh, 09-11 February 2016

Tuesday, February 9, 2016

Registration from 8:30 to 9:00	
Opening and Signature of MOU from 9:00 to 9:30	
Word of UCA President Word of UKM Chancellor Word of Organizing committee	
9:30-10:00	Coffee Break (20 min)
Conferences of Deans	
Plenary Lecture 1: Prof. Tourirt Moha (Dean of FST-Marrakesh) Education and research at FST and UCA: Strategy and development 10:00 – 10:25 (25 min)	
Plenary Lecture 2: Prof. Sahrim Ahmed (Dean of FST - Universiti Kebangsaan Malaysia) Current Status of Research at Faculty Science and Technology (FST) , National University of Malaysia 10:25 – 10:50 (25 min)	
Invited Talk:Malysia’s Global Reach : Knowledge and Skills Hub Creation Through Internationalisation <u>Yang Farina* & Nur Amalina Rashid</u> 10:50 – 11:10	
Symposia	Symposium 1: Green Technology and catalysis
Chair	Prof. M. Lahcini & Prof. Azizan Ahmad
11:10-11:30	OP-1-1- Benaissa Rhouta: Natural clays as starting materials for the development of innovative advanced multifunctional eco-friendly materials
11:30-11:50	OP-1-2- Shahidan Radiman, Lamy M. Al-Qirby, Chiu Wee Siong, Ameen M. Ali Green synthesis of CO ₃ O ₄ nanocrystals via a new ultrasonic ionic liquid- assisted
11:50-12:10	OP-1-3- Asma Kaoukabi, Larbi Belachemi, Mohamed Lahcini, M-C. Viaud-Massuard, C. Das. Bhaskar (oral) Design and synthesis of new hybrid arotinoids containing chromene with potential anti-cancer activity.
12:10-14:00	BREAK FOR LUNCH TIME
Tuesday, February 9, 2016, Afternoon	
Symposia	Symposium 2: Materials and Energy
Chair	Prof. Hassan Chehouani & Prof Mohd Salmi Bin Md Noorani
14:00-14:20	OP-2-1. Ismail Saadoun: Electrochemical Energy Storage Materials
14:20-14:40	OP-2-2- M. Faizzi, N.A. Ludin, N.M. Mohamed, K.H. Badri, A. Ahmad M.S. Su'ait : Effects of iodid/teriodiode(I ⁻ /I ₃ ⁻) ratios on palm based polyurethane polymers electrolyte for solid-state dye-sensitized solar cell
14:40-15:00	OP-2-3 Mohammed Oouikhalfan, Hassan Benhamed, Hassan Chehouani, Hamid Kaddami, B. Benhamou : Preparation and characterization of thermal and rheological behavior of TiO ₂ /Fatty acid nanofluid as Phase Change Material (PCM)
15:00-15:20	OP-2- 4- A Ahmad: Biopolymer electrolyte for electrochemical energy storage device: UKM experiences
15:20 – 15:40	OP-2-5- Mira Syahirah, Lee Veng Chuan, Ahmad Mahir Razali* & Nurulkamal Masseran: Solar irradiance forecasting using exponential smoothing technique
15:40-16:00	Coffee Break (20 min) / Poster Session
LABORATORY AND CENTERS TOURS	

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Wednesday, February 10, 2016 , Morning

Symposia	Symposium 3: Water, Geology and Environnement
Chair	Prof. Lahoucine Hanich & Prof. Yang Farina Binti Abdul Aziz
8:30-8:50	OP-3-1- Rachid Hakkou: Environmental Challenges Facing Mining Wastes Management in Morocco
8:50-9:10	OP-3-2- Ismail Aouiche, Lahcen Daoudi: The impact of engineering structures on shoreface and shoreline changes in the Atlantic coast of Morocco: Multi-method analysis -Case of Agadir Bay Morocco
9:10-9:30	OP-3-3- Benkaddour A. , Rhoujjati A. , Nourelbait M., Vidal L., Idabdellah H., Adallal R. , and Cheddadi R.: Moroccan Lacustrine sediments as a valuable paleo-environmental archives
9:30-9:50	OP-3-4- Er-Raki, S., Simonneaux, V. et al : An example of the Joint International Laboratory: Remote sensing of water resources in semi-arid Mediterranean basins: LMI-TREMA
9:50 – 10:10	OP-3-5- A.Marchane & L. Hanich: Snow cover dynamics of the Moroccan Atlas mountains
10 :10-10 :30	Coffee Break (20 min)/ Poster Session
Symposia	Symposium 4 : Biology and Biotechnology
Chair	Prof. Ahmed Qaddoury & Prof. Wan Juliana Binti Wan Ahmad
10:30-10:50	OP-4-1. Ahansal Lahcen; Hammoumi Aayah, Clarisse Iradukunda; Boussaid Abdellatif : Moroccan strains of yeast and algae to produce bioenergy
10:50–11:10	OP-4-2- Pei-Ling Tang, Osman Hassan, Mohamad Yusof Maskat, Khairiah Badri: Biotransformation of black liquor of oil palm empty fruit bunch fiber (OPEFBF) into vanillin <i>Pycnoporus cinnabarinus</i> MUCL 39533.
11:10-11:30	OP-4-3- Sharifah Habibah Syed Khalafu, Wan Aida Wan Mustapha, Lim Seng Joe, Mohamad Yusof Maskat and Sahilah Abd Mutalib : Effect of deoiozation process on the fishy aroma, antioxidant activity and fucose content of fucoidan
11:30-11:50	OP-4-4- Clarisse Iradukunda, Yassir Barcouch , Ahmed Tadlaoui Ouafi & Abdellatif Boussaid : Yeasts in Smen, a Fermented Farm Butter
11:50-12:10	OP-4-5- Aminah Abdullah and Khalid Hamid Musa: Oxicountkit: a quick method to determine antioxidant activity in plant materials.
12 :10 - 14:00	BREAK FOR LUNCH TIME
Wednesday, February 10, 2016 , Afternoon	
Symposia	Symposium 4 : Biology and Biotechnology (continue)
Chair	Prof. Abdellatif Boussaid & Prof. Wan Aida Binti Wan Mustapha
14 :00 – 14 :20	OP-4-6- Rozida Khalid: Manipulation of microbial gene expression for production of new secondary metabolites
14 :20 – 14 :40	OP-4-7- Makoudi B., Bargaz A., Farissi M., Mouradi M., Kabbaj A., Bouizgaren A. ,Drevon JJ. , And Ghoulam C. Legume-rhizobia symbiosis could be an efficient biological tool for sustainable soil and crops fertilization
14 :40-15 :00	OP-4-8- Baseem M. Tamimi, Wan Juliana Wan Ahmad*, Mohd. Nizam Mohd. Said & Che Radziah Che Mohd. Zain Growth Responses of Mangrove Plants to Elevated Atmospheric Carbon Dioxide at Open Roof Green-House
15 :00-15 :20	OP-4-9 Norela Sulaiman Shahara Ayub: Assesment of firefly abundance at new ecotourism site of bernam river, selangor
15 :20-15 :40	OP-4-10- Ahmed Qaddoury : Use of the arbuscular mycorrhizal symbiosis as biological tools to improve plant growth and tolerance to drought and poor soils: date palm as a model
15 :40-16 :00	OP-4-11- Nurul Hidayah, A.S. Nurul Wahida, O. & Norefrina Shafinaz, M.N. :The optimization and efficient isolation of high quality RNA extraction from salivary gland of <i>Rhynchophorus ferrugineus</i> (Coleoptera: Dryophthoridae)..
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International Joint Seminar on Science and Technology Marrakesh, 09-11 February 2016

Thursday, February 11, 2016, Morning

Symposia	Symposium 5: Physics
Chair	<i>Prof.Hassn Ayyad & Prof. Shahidan Bin Radiman</i>
8:30-8:50	OP-5-1-Zaifol Samsu, Norinsan Kamil Othman, Abd Razak Daud, Muhamad Izhar Sahri1 and Muhammad Daud: High temperature corrosion of hot dipped aluminizing on carbon steel in dry and wet environments
8:50-9:10	OP-5-2-Benhida, F. Sefyani,T. de France, Z. Benkhaldoun, D. Gillet, P. Mathias, A. Daassou, M. Lazrek : Spectrophotometry of pulsating stars at Oukaimeden Observatory in Morocco
9:10-9:30	OP-5-3- O.boualy, H.Mharzi, A.Coujou, Y.LeBouar, M.Benyoucef: Phase-field Modeling OF Microstructural evolution In Ni-base superalloys at high-temperature
9:30-9:50	OP-5-4- Raefat Jalila El Bakouchi, Ahmed Zakaria Manouare and Abdelilah Ghammaz: A Multi-Band PIFA Antenna for GPS L1/ GSM1800/GSM1900/UMTS/LTE2300/ Wi-Fi Applications for Mobile Phone
9 :50-10 :10	OP-5-5- L. Essaleh, M. Belaqziz , S. Lahlali , A. Bourial, A. Alimoussa , Z. Abkhar, K. Djessas and H. Chehouani : Dynamic electrical conductivity on the bulk photoabsorber semiconductor Cu ₂ SnS ₃
10:10-10:30	Coffee Break & Poster session (20min) / Poster Session
Chair	<i>Prof. Alaa Noureddine &Prof Ahmad Mahir Bin Razali</i>
Symposia	Symposium 6: Mathematics
10:30-10:50	OP-6-1- Mohamed Boucetta: Presentation Equip Geometry, Topology and Applications
10:50-11:10	OP-6-2- Mohd Salmi Md Noorani and Fahad Alsharari : Sharp estimates for closed orbit of motzkin shifts
11:10-11:30	OP-6-3- Nasharuddin Zainal, Edgar Scavino and Eng Sheh Ling: Tennis court mapping and trajectory optimation for robotic object retrieval
11:30-11:50	OP-6-4- M. Kzaz: Asymptotic Expansion For Numerical methods
11 :50-12 :10	OP-6-5- M'hamed Eddahbi: From actuarial sciences to mathematical finance: an example
12:10-14:00	BREAK FOR LUNCH TIME
Symposia	Symposium 7: Polymers and polymers based composites
Chair	<i>Prof. Hamid Kaddami &Prof. Sahrin Ahmad</i>
14 :00 – 14 :20	OP-7-1- Mohammed Lahcini : Biodegradable Polymers by mean of metal complexes as Initiators
14 :20 – 14 :40	OP-7-2- Farah Hannan Anuar, Tan Ching Haw, Siti Munirah Manap, Ain Athirah Zainuddin, Azizan Ahmad: Polyurethanes containing poly(ethylene glycol), poly(propylene glycol), polylactide and polydimethylsiloxane segments
14 :40-15 :00	OP-7-3- Hind El Omari, Ahmed Belafkira, François Brouillette, Gilbert Lebrun: Lignocellulosics materials from perennial plants and commercial fibers.
15 :00-15 :20	OP-7-4- Rizafizah Othaman, Nurul Hanisah Mohd, Azwan Mat Lazim, Ishak Ahmad, Mohd. Ambar Yarmo: Effect of modification on nanocellulose aerogel for CO ₂ adsorption
15 :20-15 :40	OP-7-5- Amal Kadimi, Hamid Kaddami, Mustapha Raihane, Zoubida Ouanaies : Elaboration and characterization of New Nanocomposites Based on Cellulose Nanofibers and Copolymers Containing Fluorinated and Nitrile Derivatives
15 :40-16 :00	OP-7-6-M. Raihane, M. Karamane, Y. Yagçi, M. Lahcini, M. Ilsouk , A. Hult : Fluorinated methacrylate / clay nanocomposites coating prepared by in situ radical polymerization: Structure and characterization
LABORATORY AND CENTERS TOURS	
<i>END OF THE CONFERENCE</i>	

