

1st Congress of Applied Chemical Sciences (CApChem-2012)

Programme

21-23rd June 2012

(Venue: Concorde Hotel, Kuala Lumpur, Malaysia)

Important:

- 1) Since we have a very tight and fully packed program, we request all the delegates to be punctual and respect the allocated timeslots)
- 2) ICWWT sessions will be in the Caperella hall and ICEE and ICBP sessions will be in Drupa hall

21st June 2012

Registration (8:30 – 9:00 am)

Opening Remarks (9:15 am to 9:30 am)

Welcome Address (9:15 to 9:30 am)

Prof. Dr. Khadija Qureshi, Mehran University of Engineering & Technology, Sindh, Pakistan

Technical Sessions 21st June 2012

Paper ID	Oral Session A1 (9:30 to 11:00 am) : ICWWT	Paper ID	Oral Session B1 (9:30 to 11:00 am): ICEE
	Chair: Secretary:		Chair: Secretary:
12	DECOLORIZATION OF MALACHITE GREEN AND METHYLENE BLUE BY TWO MICROALGAL SPECIES <i>Mohamed Saad Abd-El-Kareem</i>	8	A STATISTICAL AND POLICY BASED APPROACH FOR REDUCING THE PLASTIC MATERIAL USAGE FOR ENVIRONMENT PROTECTION <i>K. Balaji</i>
17	SPECTROFLUOREMETRIC CHARACTERIZATION OF NATURAL ORGANIC MATTER IN THE YEONGSAN RIVER <i>Dongjin Lee</i>	16	SIMULTANEOUS REMOVAL OF H ₂ S AND CO ₂ FROM BIOGAS USING CHEMICAL ABSORPTION AND BIOLOGICAL FIXATION USING MICROALGAE BIOGAS <i>Shiri Yu</i>
37	A GIS-ANN-BASED METHOD FOR CALCULATING THE RUNOFF <i>Mohammad Dorofki</i>	18	ENHANCEMENT OF LIPID PRODUCTION FROM CHLORELLA VULGARIS THROUGH POST-CULTURAL INCUBATION AFTER PHOTOAUTOTROPHIC CULTIVATION <i>Ghulam Mujtaba</i>
48	REMEDIATION OF SALINITY IN GROUND WATER THROUGH RO MEMBRANES <i>Himanshu Joshi</i>	19	DEGRADATION OF TETRACYCLINES AND TOXICITY CHANGE DURING OZONE/UV-BASED ADVANCED OXIDATION <i>Huyen Trang Luu</i>

Refreshment (11:00 to 11:30 am)			
Paper ID	Oral Session A2 (11:30 am to 1:00 pm): ICWWT	Paper ID	Oral Session B2 (11:30 am to 1:00 pm): ICBP
	Chair: Secretary:		Chair: Secretary:
2	MEMBRANE ANAEROBIC SYSTEM ASSISTED WITH ULTRASONIC (UMAS) FOR SEWAGE SLUDGE TREATMENT <i>Mazza Adam</i>	9	EXTRACTION AND CHARACTERIZATION OF ESSENTIAL OIL FROM GINGER (ZINGIBER OFFICINALE ROSCOE) AND LEMONGRASS (CYMBOPOGON CITRATUS) BY MICROWAVE-ASSISTED HYDRODISTILLATION <i>Abdurahman Nour</i>
3	NUMERICAL SIMULATION OF THE DOUBLE DIFFUSION FROM THE MICROSPHERES <i>Kamel Daoud</i>	17	QUANTITATIVE DETERMINATION OF CADMIUM AND CHROMIUM LEVELS IN COMMERCIAL POWDERED FRUIT JUICES IN METRO MANILA, PHILIPPINES <i>Judilynn N. Solidum</i>
4	WATER ADSORPTION-DESORPTION IN A POROUS MEDIUM UNDER VACUUM CONDITIONS FOR SOLAR COOLING APPLICATION <i>Salah Chikh</i>	18	QUANTITATIVE DETERMINATION OF CADMIUM AND CHROMIUM LEVELS IN SELECTED MEAT AND MEAT PRODUCTS FROM PACO WET MARKET, MANILA, PHILIPPINES <i>Anna Nicole Pura</i>
7	RECYCLING OF EXPANDED POLYSTYRENE WASTE: SYNTHESIS OF NOVEL FUNCTIONAL HYDRAZONE RESIN FOR PHENOL REMOVAL <i>Abdul Ghafoor Bhatti</i>	26	PHYSICO-CHEMICAL AND METAL SPECIATION ANALYSIS OF VEGETABLE FIELD SOILS AND ITS CORRELATION STUDIES <i>Uzaira Rafique</i>
32	CHEMICAL AND MICROBIOLOGICAL ANALYSIS OF DRINKING WATER OF SATELLITE TOWN RAWALPINDI, PAKISTAN <i>Uzaira Rafique</i>	33	GC-MS ANALYSIS OF SELECTED 11 PHAC'S COMPARING DIFFERENT DERIVATIZATION CONDITIONS <i>Hilmi Ibar</i>
Lunch and Prayer break (1:00 to 2:00 pm)			
Paper ID	Oral Session A3 (2:00 to 5:00 pm): ICWWT	Paper ID	Oral Session B3 (2:00 to 5:00 pm): ICBP
	Chair: Secretary:		Chair: Secretary:
9	ULTRASOUND ASSISTED ADSORPTION OF PYROCATECHOL AND COMPARING THE RESULTS WITH SOLE ULTRASONIC IRRADIATION OF PYROCATECHOL <i>Sharath Kumar</i>	5	DETERMINATION OF ARSENIC SPECIES BY ION CHROMATOGRAPHY WITH CHEMILUMINESCENCE DETECTION <i>Hwa Kwang Yak</i>

11	THE EFFECT OF REFUSE DUMP ON PHYSICO CHEMICAL PROPERTIES OF GROUND WATER IN DAMATURU MUNICIPAL, YOBE STATE, NIGERIA <i>Babagana Boso</i>	6	MICROENCAPSULATION OF VARIOUS ESSENTIAL OILS BY USING CHITOSAN AND THEIR APPLICATION ON PLAIN COTTON FABRIC <i>Zulfiqar Ali Raza</i>
13	ARSENIC CONTAMINATION IN GROUND WATER SOURCES OF DISTRICT MATIARI <i>Arsalan Uqaili</i>	19	MYCOREMEDIATION OF TOXICANTS FROM CHOSEN SITES IN THE PHILIPPINE SETTING <i>Zharama Llarena</i>
15	ELIMINATING TOXIC EFFLUENTS FROM PULP AND PAPER INDUSTRY: CREATING GREEN JOBS AND SUSTAINABLE ECONOMIES <i>Archie Beaton</i>	20	QUANTITATIVE ANALYSIS OF THE ALCOHOL CONTENT OF VARIOUS BEERS IN THE PHILIPPINES <i>Limuel Gutierrez</i>
16	REMOVAL OF LEAD ION FROM WASTE WATERS USING DIATOMITE <i>Hossamelden Mohamedbakr</i>	29	APPLICATION OF ADSORPTION PROCESS FOR REMEDIATION OF ORGANOPHOSPHATE INSECTICIDES: A BIOCHEMICAL APPROACH <i>Noshabah Tabassum</i>
Coffee break (3:00 to 3:20 pm)			
19	QUANTITY AND QUALITY DETERMINATION OF ABLUTION GREYWATER AT TWO MOSQUES IN SANA'A, YEMEN <i>Mohammed Hasan Al-Mughalles</i>	30	UPTAKES OF Pb AND Cu BY INDIGENOUS AQUATIC PLANTS FROM NATURAL HABITATS <i>Nur Zaida Zahari</i>
22	PVC-BASED 7-THIO-8-OXOGUANOSINE SENSOR FOR NI(II)IONS <i>Bakhtiar Khodavirdilo</i>	31	ANALYSIS OF NON-IDEALITIES IN STIRRED TANK AND BAFFLED TUBULAR REACTORS USING CFD <i>Shilpa Suresh Mahamulkar</i>
24	PHOTOCATALYTIC DEGRADATION OF METHYL TERT-BUTYL ETHER (MTBE) IN CONTAMINATED WATER BY PD DOPED NANO-ZNO <i>Shakeel Ahmed</i>	32	THERMODYNAMIC ANALYSIS OF VAPOR-LIQUID EQUILIBRIUM OF {WATER-ACRYLIC ACID} AND {ACETIC ACID- ACRYLIC ACID} SYSTEMS AT MODERATE PRESSURE <i>Attia Afef</i>
27	CHLORIDE BASED - SALTS REJECTION BY NANOFILTRATION MEMBRANES IN BRACKISH DESALINATION <i>Azzam Abuhabib</i>	35	PROPERTIES OF POLYURETHANE COMPOSITES BY MECHANICAL AND FIRE RESISTIVITY <i>Amamer Redwan</i>

28	SYNTHESIS OF SOME PYRIDINE DERIVATIVES <i>Ramadan Ali Bawa</i>	36	NITRIFICATION POTENTIAL REMOVAL IN AUTOTROPHIC MEMBRANE BIOREACTOR <i>Gasmi Aicha</i>
30	SYNTHESIS, CHARACTERIZATION AND APPLICATION OF NOVEL NANO-ADSORBENTS FOR THE TREATMENT OF NITRATES AND PHENOLS IN WASTEWATER <i>Saima Nasreen</i>	38	EFFECT OF BIO CERAMIC COATINGS ON CORROSION BEHAVIOR FOR MEDICAL ALLOYS USED IN ORTHOPEDICS AND DENTAL APPLICATIONS <i>Abdulsalam K. Swadi</i>
Technical Sessions 22nd June 2012			
Paper ID	Oral Session A4 (9:00 to 11:00 am) : ICWWT	Paper ID	Oral Session B4 (9:00 to 11:00 am): ICBP
	Chair: Secretary:		Chair: Secretary:
31	APPLICATION OF COMMERCIAL AND NON-COMMERCIAL MATERIALS FOR DECONTAMINATION OF SELECTED ENVIRONMENTAL POLLUTANTS: AN ADSORPTION, EQUILIBRIUM AND KINETIC STUDY <i>Uzaira Rafique</i>	22	PRELIMINARY ASSESSMENT OF IN VITRO ANTICOAGULANT ACTIVITY VS. HEPARIN 1,000 I.U. AND CYTOTOXICITY OF SELECTED PHILIPPINE MEDICINAL PLANTS <i>Jennielyn Evangelista</i>
35	BIOREMEDIATION OF EFFLUENTS FROM TEXTILE INDUSTRIES IN SHARADA INDUSTRIA KANO METROPOLI, USING SELECTED BACTERIAL SPECIES <i>Adamu Galadima</i>	23	CADMIUM AND CHROMIUM LEVELS IN SELECTED FRUITS FROM MANILA, PHILIPPINES <i>Judilynn Solidum</i>
39	URBAN EFFLUENT DISCHARGE INTO RIVERS; A FORENSIC CHEMISTRY APPROACH TO EVALUATE THE ENVIRONMENTAL DETERIORATION <i>Mahyar Sakari</i>	25	QUALITATIVE DETERMINATION OF CARBOHYDRATES AND AMINO ACID CONTENT OF INDIGENOUS LITTOKO FRUIT <i>Imran Rodriguez</i>
51	ACCOUNTING OF WATER RESOURCES: A CASE STUDY OF WEST BENGAL <i>Maniparna Syam Roy</i>	27	LEAD AND CADMIUM CONTENT DETERMINATION FROM DIFFERENT CHILDREN MATERIALS, CRAYONS, AND MODELING CLAYS MARKETING IN DIVISORIA, MANILA (PHILIPPINES) <i>Patriz Lintag</i>

44	NEW RELATIVE IMPORTANCE OF WATER QUALITY POLLUTANTS IN LANGAT RIVER FROM 1995-2007 <i>Zalina Mohd Ali</i>	1	DETERMINATION OF STEVIOSIDE AND REBAUDIOSIDE A IN STEVIA REBAUDIANA LEAVES VIA PREPARATIVE HIGH PERFORMANCE LIQUID CHROMATOGRAPHY (PREP-HPLC) <i>Nurlin Abu Samah</i>
49	ADSORPTION STUDY OF Pb (II) ION ON DIFFERENT TYPES OF CHITOSAN AND LL CROSS-LINKED CHITOSAN <i>Pyar Jassal</i>	4	EXTRACTION AND CHARACTERIZATION OF ESSENTIAL OIL FROM GINGER (ZINGIBER OFFICINALE ROSCOE) AND LEMONGRASS (CYMBOPOGON CITRATUS) BY MICROWAVE-ASSISTED HYDRODISTILLATION (MAHD) <i>Ranitha Mathialagan</i>
Coffee break (11:00 to 11:20 am)			
Paper ID	Oral Session A5 (11:20 to 1:00 pm): ICWWT	Paper ID	Oral Session B5 (11:20 to 1:00 pm): ICEE
	Chair: Secretary:		Chair: Secretary:
21	ACID/BASE TREATED SPENT BLACK TEA CHARACTERIZATION OF FUNCTIONAL GROUPS AND LEAD SORPTIVE MECHANISM <i>Aliya Fazal</i>	3	ASSIGNING LIABILITY FOR PESTICIDE SPRAY DRIFT <i>Terence J. Centner</i>
33	SKELETAL FLUOROSIS IN PEOPLE OF THAR DESERT: IGNORANCE OR ENVIRONMENTAL DILEMMA <i>Shahabuddin Memon</i>	10	SUSPENDED SEDIMENT RESPONSE ON IMPROVED HARVESTING PROTOCOL IN AN UPPER HILL DIPTEROCARP FOREST, PENINSULAR MALAYSIA <i>Marryanna Lion</i>
20	MECHANISTIC UNDERSTANDING OF CADMIUM SORPTION BY SULFONATED AND ESTERIFIED SPENT BLACK TEA <i>Aliya Fazal</i>	11	WATER BALANCE IN A YOUNG HOPEA ODORATA PLANTATION AT BUKIT TAREK EXPERIMENTAL WATERSHED, SELANGOR <i>Siti-Aisah Shamsuddin</i>
23	EFFECTIVENESS ACTIVATED SLUDGE OF TOFU WASTEWATER TREATMENT <i>Sri Ratnaningsih</i>	12	IMPACT OF HUMAN BEHAVIOR ON ENERGY UTILIZATION <i>Yasser Mahgoub</i>
34	BLACK AND GREY WATER TREATMENT AND REUSE EXPERIENCE IN THE PALESTINIAN RURAL AREAS <i>Abdalrazzaq Aburahma</i>	15	INFLUENCE OF TRIETHANOLAMINE AND CO ₂ CONCENTRATION ON CO ₂ FIXATION BY MICROALGAE <i>Kisay Lee</i>

42	ADVANCED TREATMENT TECHNOLOGY (MBR) FOR WASTEWATER TREATMENT AND REUSE <i>Lavanya M</i>	17	CHANGE OF ADSORPTION CAPACITY AND SURFACE PROPERTIES OF ACTIVATED CARBON BED DURING REPEATED ADSORPTION AND IN SITU REGENERATION WITH OZONATED WATER <i>Jinjoo Lee</i>
Lunch and Prayer break (1:00 to 2:00 pm)			
Paper ID	Oral Session A6 (2:00 to 5:00 pm):	Paper ID	Oral Session B6 (2:00 to 5:00 pm): ICEE
	Chair: Secretary:		Chair: Secretary:
		22	INFESTATION OF PEA CRAB, NEPINNOTHERES VILLOSULUS AND THEIR ASSOCIATED BOPYRIDS HYPOCEPON ENOENCIS IN CLAMS AND COCKLES FROM SONMIANI (BALOCHISTAN). <i>Ghazala Siddiqui</i>
		23	REPRODUCTIVE PATTERN AND SOME BIOLOGICAL FEATURES OF MERITRIX. CASTA VAR. OVUM FROM PAKISTAN <i>Shahnaz Rashid</i>
		24	ELECTRICITY DEMAND ESTIMATION USING AN ADAPTIVE NEURO-FUZZY NETWORK: A CASE STUDY FROM THE STATE OF JOHOR, MALAYSIA <i>Aqeel Ahmed Bazmi</i>
		9	SUSPENDED SEDIMENT RESPONSE ON IMPROVED HARVESTING PROTOCOL IN AN UPPER HILL DIPTEROCARP FOREST, PENINSULAR MALAYSIA <i>Marryanna Lion</i>

<i>Coffee break (3:00 to 3:30 pm)</i>			
<i>Paper ID</i>	<i>Oral Session A7 (3:30 to 5:00 pm):</i>	<i>Paper ID</i>	<i>Oral Session B7 (3:30 to 5:00 pm): ICBP</i>
	<i>Chair:</i> <i>Secretary:</i>		<i>Chair:</i> <i>Secretary:</i>
		34	SYNTHESES, SPECTROSCOPIC AND THERMAL CHARACTERIZATION OF SOME AZOMETHINE COMPLEXES <i>Murat Turkyilmaz</i>
		39	COMPARATIVE STUDY OF FUNCIONALIZE AND NON FUNCTIONALIZED CARBON NANOTUBE FOR REMOVAL OF COPPER FROM POLLUTED WATER <i>Mubarak N.M</i>
		40	INFLUENCE OF SOLIDS TO LIQUID RATIO ON CONVERSION OF CORN COBS INTO FERMENTABLE SUGARS BY PHANEROCHATE CHRYSOSPORIUM ATCC 32629 <i>Ravichandra Potumarthi</i>
23th June 2012 9 am : KL City Tour (Payment of RM 100 per person)			