

2013 International Conference on Science & Engineering in Mathematics, Chemistry and Physics (ScieTech 2013), Conference Program

Notes/Session ID

Day 1: 24 January 2013	
08:00 - 09:00	Registration Starts (available for 2 days)
09:00 - 09:10	Opening by General Chair
09:10- 09:30	Invited Speaker : Keshav N. Shrivastava - The quantum Hall effect: The symmetry and the velocity
09:30 - 09:50	Invited Speaker : JamilAkhtar - Fabrication methodology of MEMS micro-sensors
09:50 - 10:00	Coffee Break
10:00 - 10:20	Invited Speaker Siraj Uddin - Warped product CR-submanifolds of Lorentzian –Kenmotsu manifolds
10:20 - 10:40	Invited Speaker : Sezai Ercisli -The use of biotechnology in apricot
10: 45 - 12:00	Sessions: Mathematics (Chair: Prof. Dr. Siraj Uddin)
	105 Application of artificial bee colony (ABC) algorithm in search of optimal release of Aswan High Dam
	123 Power functions of the Shewhart control chart
	125 Adequateness of Wavelet Based Model for Time Series
	130 New Inequalities for Numerical Radius of Hilbert Space Operator And New Bounds For The Zeros Of Polynomials
	133 Discrete estimation of evolutionary spectral density for nonstationary processes with continuous time
	138 Hierarchical Cluster Approach for Regionalization of Peninsular Malaysia based on the Precipitation Amount
	136 Sinusoidal Beds as A Wave Reflector
12:00 - 13:00	Lunch Break
13:00 - 14:45	Session : Chemistry (Chair: Prof. Dr. Sezai Ercisli)
	113 Synthesis and Characterization of Filtered-cathodic-vacuum-arc-deposited TiO ₂ Films for Photovoltaic Applications
	115 Synthesis and Antimicrobial activity of some new Schiff bases
	116 Synthesis and biological activity of pyrimido [1, 2-a] quinoline moiety and its 2-substituted derivatives
	124 Analysis of Fluconazole in Human Urine Sample by High Performance Liquid Chromatography Method
	135 Radiological properties of MAGIC normoxic polymer gel dosimetry
	150 Effects of internal tubes on the flow structures in gas-solid fluidized beds
	180 Oligostilbenoids from Vatica pauciflora and the Oxidative Effect on Chang Cells
	192 Evaluation of environmental effect of coal stockpile in Muara Telang, Banyuasin, Indonesia
	216 Prediction of solubilities for ginger bioactive compounds in hot water by COSMO-RS method
	120 Using Series Extension Method For Solving Subsonic Frozen Gas flow Past A Circle
	196 TiO ₂ Dye Sensitized Solar Cells Cathode Using Recycle Battery
14:45 - 15:00	Coffee Break
15:00 - 18:00	Sessions: Physics (Chair: Prof. Dr. Keshav N. Shrivastava)
	112 Effect of precursor medium on morphological and optical characterization of spray deposited EuO thin films
	173 Shear Strength of Single Lap Joint Aluminium-Thermoplastic Natural Rubber (Al-TPNR) Laminated Composite
	177 A study of El Niño-Southern oscillation impacts to the South China Sea region using ground-based GPS receiver
	127 B-spline Collocation with Domain Decomposition Method
	134 BIOGAS LAMINAR BURNING VELOCITYAND FLAMMABILITYCHARACTERISTICS IN SPARK IGNITED PREMIX COMBUSTION
	144 CONFORMALLY FLAT BULK TILTED COSMOLOGICAL MODEL
	148 Introducing the Dimensional Continuous Space-Time Theory
	183 Simplified bond-hyperpolarizability model of second-harmonic-generation in Si(111): theory and experiment
	156 Study of phonon modes and elastic properties of Sc ₃₆ Al ₂₄ Co ₂₀ Y ₂₀ and Gd ₃₆ Al ₂₄ Co ₂₀ Y ₂₀ rare-earth bulk metallic glasses
	159 Green synthesis of silver nanoparticles using latex extract of Thevetia peruviana: a novel approach towards poisonous plant utilization
	161 Reconsideration of Deformation Potential Constants in Nitride Semiconductors with Wurtzite Structure
	162 Effectiveness of Pavement Management System and its Effects to the Closing of Final Account in Construction Project in Malaysia
	163 Experimental study on the influence of porosity of parallel plate stack on the temperature decrease of a thermoacoustic refrigerator
	164 Charge transport mechanism and low temperature phase transitions in KIO ₃
	167 Low Power Transmitter for Wireless Capsule Endoscope
	170 Approximate Solution Of Schrodinger Equation For Eckart Potential Combined With Trigonometric Poschl-Teller Non- Central Potential Using Romanovski Polynomial
	172 Prediction of diffusion activation energy by thermodynamic model
19:00 - 20:00	Dinner Banquet

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Day 2: 25 January 2013	
09:00- 09:20	Invited Speaker : Sudhanshu Sharma - Therupatic Applications of Nanomaterial
09:20 - 09:40	Invited Speaker :Bulent Cetin - Antibacterial activity of methanol extracts of Salvia species from Turkey
09:40 : 10:00	Invited Speaker: Behzad Heshmati - Identification of presence Salmonella spp with conventional culture technique in chicken carcasses and meat samples in Erzurum
10:00 - 10:15	Break
10: 15 - 12:00	Sessions: Mathematics (Chair: Prof. Dr. Siraj Uddin)
	139 Digital Image Compression using Graph Coloring Quantization Based on Wavelet-SVD
	140 Constructing New Biorthogonal Wavelet Type which Matched for Extracting the Iris Image Features
	143 Empirical Analysis of Stochastic Volatility Model by Hybrid Monte Carlo Algorithm
	142 DATA EXCHANGE FORMAT FOR FINITE ELEMENT ANALYSIS
	149 Parametric Control on Fractional-Order Response for Lü Chaotic System
	152 Identification of Climate Change with Generalized Extreme Value (GEV) Distribution Approach
	193 Earthquake hazard zonation using Peak Ground Acceleration (PGA) approach
	155 Validation of ANUGA hydraulic model using exact solutions to shallow water wave problems
12:00 - 13:00	Lunch Break
13:00 - 14:00	Sessions: Mathematics (Chair: Dr. Sudhanshu Sharma)
	165 Modeling the Determinants Influencing the Diffusion of Mobile Internet
	178 Application of microlearning technique and Twitter for educational purposes.
	184 Variational iteration method for weakly regular singular boundary value problems
	194 Bianchi Type Ix Magnetized Dust Fluid Cosmological Model
	197 A Critical Protection Level Derived from Dengue Infection Mathematical Model Considering Asymptomatic and Symptomatic Classes
	203 Modelling the Life Insurance Needs using the Human Life Value Revision Method
	187 Designing an offline method for Signature Recognition
	209 MATHEMATICAL MODEL OF TUBERCULOSIS TRANSMISSION WITH RECCURENT INFECTION AND VACCINATION
14:00 - 14:15	Coffee Break
14: 15 - 17:00	Sessions: Physics (Chair: Prof. Dr. Jamil Akhtar)
	101 Three - Body Calculations of Binding Energies For Some Light Nuclei
	175 Attachment by Using Oxygen Plasma
	185 Synthesis and characterization of InGaAs nanowires grown by MOCVD
	186 Characteristics of Leachate at Sukawinatan Sanitary Landfill,Palembang, Indonesia
	188 Sandwiched polymer fibre in fibrin matrices for the dictation of endothelial cells undergoing angiogenesis
	189 Influence of stack plate thickness and input voltage on the performance of loudspeaker-driven thermoacoustic refrigerator
	190 Correlations in hydrothermal properties of building insulation
	191 Statistical analysis as approach to conductive heat transfer modelling
	198 Selective SHI irradiation for mesa type edge termination in semiconductor planar junction
	210 Synthesis and characterization of calcium iodate, monohydrate crystals grown in silica gel
	213 Path Loss Analysis of WSN Wave Propagation in Vegetation
	214 Toward Optical Sensors: Review and Applications
	215 Power input to non-deterministic subsystems via Piezoelectric Patch Actuators: Effect of the patch size and location
	126 Regression Test On Two Load Spin Speed Reduction Prepare Data for Slip Braking System.
	211 Optimization of Power Consumption for Centrifugation Process Based on Attenuation Measurements
	212 A New Ultrasound Pulsar Technique for Wide Range Measurements
	158 Solution of Schrodinger equation for Three Dimensional Harmonics Oscillator plus Rosen-Morse Non-central potential using NU Method and Romanovski Polynomials