



Posters

Poster Session I Wednesday, 20 June 2012

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|---|---|
| 1 Adgeh, Tamene Mekonnen | <i>"The Influence of RegCM4 Lateral Boundary Schemes on East African Rainfall"</i> |
| 2 Agfianto Eko Putra | <i>"EEG Signal Classifications"</i> |
| 3 Ahmed, Abu Zafur Ziauddin | <i>"Study the properties of liquid metals and their binary Alloys: My journey towards degree"</i> |
| 4 Ahmed, Jemal Seid | <i>"Simulation of Crop Yields in the Amhara Region, Ethiopia Using a Large Area Crop Model and Reg CM4"</i> |
| 5 Ali, Khuram | <i>"Gamma radiation effects on mono crystalline silicon solar cell"</i> |
| 6 Aljundee, Asala Nassri | <i>"Biocompatible Microemulsion: Phase Behavior, Formulation, Characterization and some applications"</i> |
| 7 Aziz, Mohammad Gulzarul | <i>"Risk categorization model used in risk-based food inspection in Bangladesh"</i> |
| 8 Bhandari, Vivek | <i>"Experiences from three years of R&D in mini-grid at Kathmandu University in Nepal"</i> |
| 9 Chanajaree, Rungroj | <i>"The Motions of Water Molecules in the Functionalized Carbon Nanotubes"</i> |
| 10 Chen, Kang | <i>"Theory of nonlinear creep under large deformation in polymer glasses"</i> |
| 11 Chew, Wei Xiang | <i>"Fractal analysis of dynamic light scattering intensity fluctuation in disordered dusty plasmas"</i> |
| 12 Chokbunpiam, Tatiya | <i>"Adsorption and diffusion of gases in Zeolitic imidazolate framework⁸ by molecular dynamic simulation"</i> |
| 13 Chuluunbaatar, Aldarmaa | <i>"Atomic Excitation in Intense Attosecond Laser Field: Dipole Approximation"</i> |
| 14 Dhungel, Neeraj | <i>"In vitro study of microstructural changes of the surgical steels and disinfection of microorganism occurring during the ultrasound processing of medical Instruments"</i> |
| 15 Ding, Song-Yuan | <i>"Some thoughts about controllable assembly--from catalysis to cassemblysis"</i> |
| 16 Edirisooriya Jayaweera, Hiran Harshana | <i>"Estimation of the physiological maturity of bell pepper"</i> |
| 17 Fikri Niyartama, Thaqibul | <i>"Biot wave in Saturated porous media"</i> |
| 18 Forio, Hannah Rissah | <i>"Angle-Resolved Photoemission Intensity of High Temperature Superconductors Based on the Spin Polarization Formulation"</i> |
| 19 Ganesan, Ponmalar | <i>"Bose Einstein Condensation"</i> |
| 20 Gong, Jingyu | <i>"Dust charging processes in nonequilibrium dusty plasma systems"</i> |
| 21 Hewageegana, Prabath | <i>"Graphene Quantum Dots"</i> |
| 22 Hu, Mao-Bin | <i>"Modelling of Traffic on Complex Networks"</i> |
| 23 Huisman, Sander Gerard | <i>"Ultimate Turbulent Taylor-Couette Flow"</i> |
| 24 Irayani, Zaroh | <i>"Anisotropic Permeability of Computer Laminated Rock Models"</i> |
| 25 Islahuddin, Muhammad | <i>"Preventing wax formation in an Oil Flow in a Deep Water Riser"</i> |



Posters

Poster Session II Friday, 22 June 2012

26 Qi, Hong	"Modeling of Ca ²⁺ Function in Apoptosis"
27 Rahaiza Misnon, Rahaiza	"Computational Modeling of Hydrogen Biosynthesis Pathway"
28 Rahimoon, Abdul Quadir	"Anomalous Increase in Apparent mass at the Bottom of Silo Due to Percolation"
29 Ran, Shiyong	"Watching DNA condensation at a single-molecule level"
30 Sa'adeh, Hanan	"Coincident Rutherford Backscattering Spectrometry"
31 Salim, Salam	"Microemulsion as Alternative fuel Water-diesel fuel"
32 Shi, Wenjun	"The irreversibility and stability of quantum system in terms of classical limit- Tricky for the situation mixed with chaos and regular"
33 Shi, Xiaqing	"Spontaneous emergence of self-dividing and growing active droplets"
34 Solatorio, Aivin	"Signatures of Internet Based mode of Communication: an Interevent Time analysis of Emails and Tweets"
35 Sonone, Rupali Laxman	"Nonlinear World"
36 Stiban, Johnny	"Phosphorylation of Ceramide Synthases Increases their Activity in Cultured HEK Cells"
37 Tang, Guoning	"Eliminating spiral wave and spatiotemporal chaos in cardiac tissue"
38 Thiyam, Priyadarshini	"Class-conversation Network"
39 Tran Phuoc, Duy	"Heterogeneous melting: a new insight from atomic mechanism"
40 Wang, Hengtong	"Response Properties of Hodgkin's Three classes of Neurons"
41 Wang, Xu-Ming	"Non-equilibrium Statistical Descriptions of Evolution of River Networks"
42 Wang, Xipeng	"Research on dispersion relationship and viscosity in jamming system"
43 Wang, Yang	"Bounds of Efficiency at Maximum Power for Linear, Superlinear and Sublinear irreversible Carnot-like heat Engine"
44 Wickramaarachichi, Thushara	"Investigating major hydrological characteristics of Gin ganga watershed, Sri Lanka using distributed hydrologic simulation approach"
45 Yang, Yang	"Friction Phenomena in the Underdamped Two-Dimensional Frenkel-Kontorova Model"
46 Yao, Xiaoyan	"Monte Carlo simulation on magnetization plateau induced by magnetic field"
47 Zhang, Lisheng	"Oscillatory Dynamics and Oscillation Death in Complex Networks Consisting of Both Excitatory and Inhibitory Nodes"
48 Zhang, Wei	"Correlated dynamics of weakly charged silica spheres at an aqueous interface"
49 Zheng, Wen	"Shear thinning and thickening in frictionless granular system"



Posters

Poster Session III Tuesday, 26 June 2012

50 Islupov, Nurlybek	<i>"Research on Propagation Patterns of Thermoelastic Waves in Anisotropic Mediums"</i>
51 Jayaram, Akhilesh Bellalacharu	<i>"An Agent-based Model for Decision Making during Allogrooming Interactions In Wild Bonnet Macaques"</i>
52 Jing, Guangyin	<i>"Hydrodynamics and pattern formation in the drying of colloidal suspensions"</i>
53 Kar, Satyananda	<i>"Excitation of solitary electron holes in a laboratory plasma"</i>
54 Kashyap, Anisha	<i>"Trajectory measurements of Chlamydomonas reinhardtii cells"</i>
55 Kilowasid, la Ode Muhammad Musafar	<i>"Study of Magnetic Pulsation for Space Weather Program in Indonesia"</i>
56 Kumar, Pramood	<i>"A Photonics test-bed of the delay-coupled oscillator's functionality"</i>
57 Latief, Fourier Dzar Eljabbar	<i>"Digital Rock Physics: Computer Modelling and Characterization"</i>
58 Lee, Sai Cheong, Sai Cheong	<i>"Surface and interface phonon polariton characteristics of wurtzite based multilayer system"</i>
59 Li, Na	<i>"The single diffusion and cross correlation of the particles near the glass wall"</i>
60 Liu, Yanhui	<i>"The Dependence of DNA Condensation on the Strong correlation of Counterions"</i>
61 Marimuthu, Vanitha	<i>"Internal nonlinear dynamics of a short lattice DNA model in terms of propagating kink-antikink solutions"</i>
62 Mi, Yuanyuan	<i>"Pattern formation in oscillatory complex networks consisting of excitable nodes"</i>
63 Muhuri, Sudipto	<i>"Intrinsic oscillations of polymerizing antiparallel microtubules in a motor bath"</i>
64 Nagendra Prakash, Vivek	<i>"Bubbles in Turbulence"</i>
65 Narangerel, Tuya	<i>"A study on main physical and chemical characteristics of East Mongolian Petroleum"</i>
66 Nguyen, Anh Tuan	<i>"Destiny-functional Study on Molecular Magnetism"</i>
67 Nguyen, Thi Lam Haoi	<i>"Pathology Model of HIV infection with long-term Periodic treatment"</i>
68 Njoku, Howard	<i>"PV & Wind Energy Potentials in Nigeria Estimated using the Open-source NASA-SSE Climate Database"</i>
69 Normurodov, Asror	<i>"Effect of Surface passivation with hydrogen atoms and hydrocarbon on Stability of Silicon Nanoparticles"</i>
70 Perera, Sanjeewa	<i>"A Mathematical Model to study dynamics of Dengue epidemics and controllability of transmission of Dengue"</i>
71 Pham, Hang	<i>"On thermodynamic equivalent between non-interacting Bose and Fermi gas in graphene nanoribbons"</i>
72 Pudjaprasetya, Sri Redjeki	<i>"Three Layer porous Breakwater, application to Mangroves"</i>
73 Purevjav, Enkhbayar	<i>"Strategy of Bioinformatics Research and Training in Mongolia"</i>