ICNDA 2024 SCHEDULE OF ONLINE MODE   [Link 2]

*IST= Indian Standard Time L & S = Link & Session

SL. No	Time [*IST]	Paper ID	Paper Title	Name of Presenter	L&S	
Chair Person: Dr. Avijit Panja, Sikkim Manipal Institute of Technology, India						
1	14:00-14:10	076	Structural Model of Mathematics Performance as Influenced by Students' Engagement with Technology to Students' Motivation	Lany D. Dullas	L2 S1	D A Y I
2	14:10-14:20	143	Does anything beat a GARCH(1,1)? Evidence from Crypto Markets	R.G.S. Queiroz		
3	14:20-14:30	276	Modeling the Dynamic Effects of Parathyroid Hormone Therapy on Bone Remodeling	Koyel Chakravarty		
			Total time for Q&A for this session: 15 minutes			
Chair Person: Dr. Moumi Pandit, Sikkim Manipal Institute of Technology, India						
4	16:45-16:55	212	Estimating Soil Temperature at Various Depths in Bangladesh: A Comparative Analysis of Advanced Machine Learning Tree-Based Models	Tasnim Anisha	L2 S2	
5	16:55-17:05	230	BlossomNet: A Deep Learning Framework for Accurate Flower Identification	Anisul Islam		
6	17:05-17:15	262	Multiscale Permutation Entropy Analysis of EEG-Based Seizure Classification: A Machine Learning Approach	Shervin Skaria		
7	17:15-17:25	096	QSPR Analysis of Anti-Asthma Drugs using some recent Neighbourhood Degree-based Topological Descriptors	Deepa Balasubramaniyan		
8	17:25-17:35	194	Image acquisition and electric field application in the Belousov-Zhabotinsky reaction using LabVIEW	Puthiyapurayil Sibeesh		
9	17:35-17:45	340	Wavelet Scattering Operators for Multiscale Processes: the Case Study of Marine Mammal Vocalizations	Alessandro Licciardi		
10	17:45-17:55	341	Outer Heliosphere and Interstellar Medium: investigation on the signal fluctuations collected by Voyager probes	Alessandra Sacco		
			Total time for Q&A for this session: 15 minutes			
Chair Person: Dr. Avijit Panja, Sikkim Manipal Institute of Technology, India						
11	10:15-10:25	021	Semi-analytical Solutions for Breakage and Aggregation-breakage Equations via Daftardar-Jafari Method	Sanjiv Kumar Bariwal	L2 S3	D A Y II
12	10:25-10:35	019	Solving Population Balance Models via a Novel Semi-Analytical Method	Saddam Hussain		
13	10:35-10:45	043	Stability Analysis of Vaccinated and Non-Vaccinated Population of Covid'19 – A Study by Mathematical Modeling	Sathish Kumar Kumaravel		
			Total time for Q&A for this session: 15 minutes			
Chair Person: Dr. Rustam Ali, Sikkim Manipal Institute of Technology, India						
14	12:15-12:25	073	Mapping the Spatial Dynamics of COVID-19 Clusters in Nueva Vizcaya, Philippines		L2 S4	
15	12:25-12:35	063	Salifou KORBEOGO, Arouna OUEDRAOGO, and Frederic D. Y. ZONGO	AROUNA OUEDRAOGO		
16	12:35-12:45	075	Symmetry Analysis and Solutions of Fractional Simplfied Kawahara Equation	Shalu Saini		
17	12:45-12:55	320	Generative models as out-of-equilibrium particle systems: training of Energy-Based Models using Non-Equilibrium Thermodynamics	Davide Carbone		
18	12:55-13:05	160	Explicit solutions of the time fractional Gardner equation using Darboux transformation	Dipan Saha		
			Total time for Q&A for this session: 15 minutes			
Chair Person:Dr. Samarendra Nath Sur, Sikkim Manipal Institute of Technology, India						
19	14:00-14:10	001	A General Form of FO PI-PD Controllers for Some Stable Integer and Non-integer Order Plants with Transport Delay	Reetam Mondal	L2 S5	
20	14:10-14:20	029	New G-optimality criteria for multi-dimensional control problem with applications in artificial neural system	Ayushi Baranwal		
21	14:20-14:30	030	Analysis of surface texture and material removal rate during AISI 202 thermal assisted turning using a carbide	Rajeev Ranjan		
22	14:30-14:40	031	Deep Learning For Path Tracking Of Autonomous Mobile Robots	Mai The Anh		
23	14:40-14:50	050	Performance Analysis of Accurate and Approximate Compressors at Nanometer Regime	Abhinav Sharma		
24	14:50-15:00	192	An Efficient Hybrid Sequence of Retargeting Operators to Minimize Structural Deformities in Image	Ankit Garg		
25	15:00-15:10	167	Non-equilibrium Cytokine Dynamics For Possible Therapeutic Intervention	Mairembam Kelvin Singh		
26	15:10-15:20	154	Exploring Business Management Practices of Milk Tea Houses in Selected Urban Towns of Nueva Vizcaya	Teresita Barangay		
			Total time for Q&A for this session: 15 minutes			
Chair Person: Dr. Md. Golam Hafez, Chittagong University of Engineering and Technology, Bangladesh						
27	17:15-17:25	015	Gardner solitons and double layers in self-gravito-electrostatic opposite polarity magnetized dusty plasmas	A. Atteya	L2 S6	
28	17:25-17:35	023	Bifurcation analysis and the in uence of (r; q) distribution on ion-acoustic kinetic Alfven waves	Alireza Abdikian		
29	17:35-17:45	038	Dynamics of ion-acoustic waves in a magnetised plasma with two-temperature superthermal electrons	Jintu Ozah		
30	17:45-17:55	044	Instabilities of ion sound wave due to density and temperature gradients in the presence of F X B drift wave turbulence	Banashree Saikia		
31	17:55-18:05	055	Stronger Self-focusing of Gaussian laser beam in collisionless plasma based Exponential density profile	Kalyani khandale		
32	18:05-18:15	089	Nonextensive Effect on the Lump Soliton Structures in Dusty Plasma	Snehalata Nasipuri		
33	18:15-18:25	162	Excitation of pinned solitons by moving charge debris in a plasma with kappa-distributed electrons	Hitendra Sarkar		
34	18:25-18:35	273	Solitary and shock structures in two temperature magnetized plasma	Manveet Kaur		
35	18:35-18:45	281	Nonlinear ion acoustic wave excitations in magnetized plasma with Cairns hot and cold electron distribution and mono-energetic electron beam	Mohammad Eghbali		
36	18:45-18:55	285	Bifurcation Study of Nonlinear Spherical Structure for Degenerate Electron-Positron Quantum Plasma	Alireza Abdikian		
			Total time for Q&A for this session: 15 minutes			
Chair Person: Dr. Md. Golam Hafez, Chittagong University of Engineering and Technology, Bangladesh						
37	11:15-11:25	205	Inhomogeneity effects on Energy and Instability of Ion-Acoustic Solitary Waves in Quantum magnetized Plasma	A. Atteya	L2 S7	D A Y III
38	11:25-11:35	348	Propagation of ion acoustic solitons around the critical values in weakly relativistic unmagnetized plasmas having non	M. O. Rahman		
39	11:35-11:45	349	Comparative study of small amplitude dust ion acoustic Korteweg-de Vries and modified Korteweg-de Vries solitons in	Samiran Das		
40	11:45-11:55	088	Propagation of nonlinear dust acoustic solitons in an inhomogeneous magnetized plasma	Hirak Jyoti Dehingia		
41	11:55-12:05	153	Dust-acoustic Multi-solitons and shock in a Polarized Space Dusty Plasma using Darboux transformation	Laxmikanta Mandi		
42	12:05-12:15	331	Investigation of dust ion acoustic shock and solitary waves in a magnetised multicomponent plasma with superthermal	Jit Sarkar		
43	12:15-12:25	233	Modulational instability of magnetosonic waves in self-gravitating, rotating magnetohydrodynamic plasmas	Jyoti Turi		
44	12:25-12:35	241	Derivation of Korteweg-de Vries (KdV) equation for ion-acoustic waves in plasmas and solving it using various techniques.	S. D. Adhilary		
45	12:35-12:45	236	A brief review on TGL vortices in the lid-driven cavity	Rathindra Nath Basak		
46	12:45-12:55	252	Nonlinear Ferroconvection in a Porous Medium Saturated with a Couple-Stress Magnetic Fluid	Naseer Ahmed		
			Total time for Q&A for this session: 15 minutes			