PROGRAMME OF IWMNMM-2008

TIME	2nd January 2008		
	Session	**Speaker**	**Title**
8:00-9:30	Registration		
9:30-11:00	Inaugural Function		
11:00-11:30	*High Tea*		
11:30-13:30	*Technical Session I*	*Chairperson: Prof. T. Pradhan*	
	S1.IT1	P. Entel	*SIMULATION OF MAGNETISM AND STRUCTURE IN CLUSTERS AND BULK MATERIALS*
	S1.IT2	S. Satpathy	*THEORY OF THE OXIDE INTERFACES: PERSPECTIVES AND NEW PHYSICS*
	S1.IT3	S.M. Bose	*THEORY OF RAMAN SPECTRA OF UNFILLED AND FILLED CARBON NANOTUBES*
	S1.IT4	M. P. Das	*MESOSCOPIC ELECTRON TRANSPORT: FACTS AND FANTASIES*
13:30:14:30	*Lunch Break*		
14:30-16:30	*Technical Session II*	*Chairperson: Prof. R. N. P. Choudhary*	
	S2.IT1	G. S. Tripathy	*FROM DIAMAGNETISM TO DILUTE MAGNETISM IN SEMICONDUCTORS*
	S2.IT2	A. Ramakanth	*MAGNETIC ORDERING AND JAHN-TELLER DISTORTION IN KONDO-LATTICE MODEL*
	S2.IT3	A.M. Jayannavar	*FLUCTUATION THEOREMS: A CHARGED PARTICLE DYNAMICS IN MAGNETIC FIELD*
	S2.IT4	S. K. Ghatak	*GIANT MAGNETO-IMPEDANCE EFFECT IN SOFT FERROMAGNET*
	S2.AIT5	P. Jena	*MATERIALS ISSUES IN A NEW HYDROGEN ECONOMY*
	S2.AIT6	P. K. Mishra	*THEORY OF THE SPIN EPR SHIFT IN DILUTED MAGNETIC SEMICONDUCTORS*
16:30-17:00	*Tea Break*		
17:00-19:00	*Technical Session II (Cont)*	*Chairperson: Prof. R. N. P. Choudhary*	
	S2.IT5	S. Bedanta	*SUPERMAGNETISM IN MAGNETIC NANOPARTICLE SYSTEMS*
	S2.IT6	P. K. Patro	*SOLUTION TECHNIQUES FOR ADVANCED ELECTROCERAMICS – A SOLUTION FOR EXPLORING NEW MATERIALS*
	S2.IT7	A. R. Kulkarni	*CONTROLLING THE DISPERSION OF CARBON MWNT IN POLYAMIDE BLENDS AND ASSOCIATED ELECTRICAL CONDUCTIVITY IN COMPOSITES*
	S2.IT8	P. K. Kahol	*MAGNETO-TRANSPORT PROPERTIES OF Gd-DOPED In2O3 THIN FILMS*
19:30-20:30	*Dinner*		

TIME	3rd January 2008		
	Session	**Speaker**	**Title**
9:30-11:00	*Technical Session III*	*Chairperson: Prof. B. B. Deo*	
	S3.IT1	V. V. Srinivasu	*SMALL PARTICLE ELECTRODYNAMICS*
	S3.IT2	S. B. Majumdar	*INVESTIGATIONS ON THE HETERO-STRUCTURED MULTIFERROIC THIN FILMS*
	S3.IT3	S. N. Behera	*CARBON: THE MATERIAL AND ITS CHARECTERIZATION BY RAMAN SPECTROSCOPY*
11:00-11:30	*Tea Break*		
11:30-13:30	*Technical Session III (Cont)*	*Chairperson: Prof. B. B. Deo*	
	S3.IT4	P. Pramanik	*CO-ORDINATION CHEMISTRY FOR MATERIAL SYNTHESIS*
	S3.IT5	S. K. Ray	*ELECTRICAL & OPTICAL CHARACTERISTICS OF 1D SEMICONDUCTOR NANOSTRUCTURES*
	S3.IT6	S. Anand	*NANO PARTICLE SYNTHESIS BY HYDROTHERMAL TECHNIQUE*
	S3.IT7	S. K. Singh	*PREPARATION OF NON-OXIDE CERAMICS IN THERMAL PLASMA*
13:30:14:30	*Lunch Break*		
14:30-15:30	*Poster Session I*	*Coordinator: Prof. S. K. Ghatak*	*PS1.PP1-PS1.PP21*
15:30-17:00	*Technical Session IV*	*Chairperson: Prof. A. C. Dash*	
	S4.IT1	A. K. Pal	*SURFACE PLASMON EFFECTS IN GROUP Ib METALS IN NANOCRYSTALLINE FORM*
	S4.IT2	K. K. Nanda	*SYNTHESIS OF CARBON NANOTUBES & APPLICATION OF BUNDLES IN TEMPERATURE THERMOMETRY*
	S4.IT3	B. B. Nayak	*NANO ROD FORMATION IN PLASMA TREATED SILICON CARBIDE GRAIN*
17:00-17:30	*Tea Break*		
17:30-19:00	*Technical session IV (Cont)*	*Chairperson: Prof. A. C. Dash*	
	S4.IT4	A. K. Das	*ARC PLASMA GENERATION OF NANOSTRUCTURED MATERIALS: TECHNIQUES AND INNOVATIONS*
	S4.IT5	S. K. Sahoo	*BIODEGRADABLE NANOPARTICLE FOR CANCER THERAPY*
	S4.IT6	P. Padhi	*SYNTHESIS OF BLACK AND RED MERCURY SULPHIDE NANO-POWDER BY TRADITIONAL INDIAN METHOD FOR BIOMEDICAL APPLICATION*
	S4.AIT7	A. K. Pradhan	*SURFACE PLASMON EXCITATION VIA AU NANOPARTICLES IN N-CDSE/P-SI HETEROJUNCTION DIODES*
	S4.AIT8	S. Sahoo	*FERROELECTRIC CONTROL OF MAGNETISM IN BATIO3/FE HETEROSTRUCTURES*
19:30-20:30	*Dinner*		

TIME	4th January 2008		
	Session	**Speaker**	**Title**
9:30-11:00	*Technical Session V*	*Chairperson: Prof. B. K. Sharap*	
	S5.IT1	R. A. Vasin	*ILUSHIN THEORY OF ELASTO-PLASTIC PROCESS AND THE FLOW THEORY*
	S5.IT2	O. N. Mohanty	*POSSIBILITY OF BULK NANO STEEL*
	S5.IT3	S. C. Panigrahi	*A NEW METHOD FOR PREPARATION OF METAL MATRIX NANOCOMPOSITES*
11:00-11:30	*Tea Break*		
11:30-13:30	*Technical Session V (Cont)*	*Chairperson: Prof. B. K. Sharap*	
	S5.IT4	B. K. Mishra	
	S5.IT5	O. Bylya	*FEATURES OF MECHANICAL BEHAVIOR OF TI ALLOYS DURING DEFORMING IN NEAR SUPERPLASTIC REGIMES*
	S5.IT6	D. R. Sahu	*INVESTIGATION OF CMR PROPERTIES IN PEROVSKITE MANGANITES*
	S5.IT7	B. R. Sekhar	*NEAR FERMI LEVEL ELECTRONIC STRUCTURE OF SOME MANGANITES*
13:30:14:30	*Lunch Break*		
14:30-15:30	*Poster Session II*	*Coordinator: Prof. A. Ramakanth*	*PS2.PP1-PS2.PP22*
15:30-17:00	*Technical Session VI*	*Chairperson: Prof. S. Patnaik*	
	S6.IT1	N. C. Mishra	*CREATION OF ELECTRONIC INHOMOGENEITY IN YBa2Cu3O7-X SUPERCONDUCTOR BY SWIFT HEAVY ION IRRADIATION INDUCED LOW ENERGY ELECTRONS*
	S6.IT2	Sikha Varma	*InP NANO DOTS FORMATION AFTER KEV Ar+ IRRADIATIONInP NANO DOTS FORMATION AFTER KEV Ar+ IRRADIATION*
	S6.IT3	A. Mitra	*DEVELOPMENT OF NANOSTRUCTURED MATERIALS FOR SOFT MAGNETIC APPLICATION*
17:00-17:30	*Tea Break*		
	Technical session VI (Cont)	*Chairperson: Prof. S. Patnaik*	
17:30-18:30	S6.IT4	V. V. Rao	*SUPERCONDUCTORS FOR ENERGY STORAGE*
	S6.IT5	B. K. Roul	*NONSUPERCONDUCTING MICROSIZE PARTICLES AS EFFECTIVE PINNING CENTERS FOR ENHANCED JC IN HIGH–TC SUPERCONDUCTORS*
18.30-19.00	*Valedictory Function*		
19:30-20:30	*Dinner*		

ABBREVIATIONS:
Sl.ITl: Session I. Invited Talk I.
S2.AIT5: Session II. Absentee Invited Talk 5.
P. S1.PP1: Poster Session I. Poster Presentation 1.