

NANO – 2010 PROGRAMME SCHEDULE (12.12.2010 TO 16.12.2010)

12.12.2010

Time	Events
1600 – 1800	Registration
1900 – 2030	Reception Dinner

NANO – 2010 PROGRAMME SHEDULE (13.12.2010 TO 16.12.2010)

13.12.2010

13.12.2010	0800 Onwards	Registration							
	0900 – 1125	Inauguration Plenary Talk - Prof. Richard R. Ernst							
	1130 – 1150	Tea Break							
		Hall I Session A: SF		Hall II Session B: ANM		Hall III Session C: NE		Hall IV Session D : NBM	
	1155 – 1225	IT 1	Prof. Dr. Stan Veprek Search for New Ultrahard Materials: Go Nano!	IT 2	Prof. Dr. Dirk Grundler A reconfigurable magnonic crystal formed by interacting ferromagnetic nanowires	IT 3	Prof. Dr. Milan Kalal Search for an embedded true silicon laser using ordered Si nanostructures	IT 4	Prof. Dr. Jose M. F. Ferreira Synthesis and dispersing nano-particulate systems to process nanostructured devices for biomedical applications
	1225 – 1255	IT5	Prof. Dr. Shivendra V. Sahi An Eco-friendly Approach to Engineer Gold Nanoparticles of Desirable Geometries in Plant	IT 6	Dr. Oswald Pietzsch New Horizons in Nanomagnetism by Atomic-Scale Magnetic Probing	IT 7	Prof. Dr. Egbert Oesterschulze Columnar microresonators for pictogram mass detection in fluids with high quality factor	IT 8	Prof. Dr. Kannan Raghuraman Tumor-avid anomaterials: from basic discovery to clinical translation
	1300 – 1400	Lunch							
		Hall I Session A: SF		Hall II Session B: ANM		Hall III Session C: NE		Hall IV Session D: NBM	
	1400 – 1430	IT9	Prof. Dr. Subhash Risbud Nanomaterials Created By Rapid Densification of Powders	IT 10	Prof. Dr. S.A. Syed Asif Recent developments in nanomechanical testing	IT 11	Prof. Dr. Murali Sastry Interfacing biology with nanoparticles	IT 12	Prof. Dr. Wilhelm K. Aicher Defined scaffolds to address stem cells
	1430 – 1445	110		102		115		142	
	1445 – 1500	113		108		124		147	
	1500 – 1515	138		118		151		171	
	1515 – 1530	140		123		172		205	
	1530 – 1600	Tea Break							
	1600 – 1615	160		125		186		214	
	1615 – 1630	161		139		194		233	
	1630 – 1645	181		149		197		257	
	1645 – 1700	245		157		210		268	
	1700 – 1830	Poster Presentation : 107,109,112,120,129,135,152,159,162,180,213,227,237,243,103,106,111,150,174,176,191,199,224,225,114,132,153,156,164,167,178,179,201,204,209,229,234,241,244,145,146,154,184,202,221,231,246,104,134,158,185,188,192,195,207,208,212,215,219,235,116,117,131,143,155,175,183,226,230,232,240,127,144,170,177,182,187,206,228,242.							
	1830 – 2030	Cultural Programme & Dinner at Sports Complex							
SF: Synthesis & Fabrication					ANM: Advanced Nanostructured materials				
NE: Nanomaterials for Electronics					NBM : Nanomaterials for Biomedical applications				
EE: Energy and Environment					NA: Nanomaterials Applications				

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0800 Onwards		Registration						
0900 – 0935		Plenary talk by Dr. Vijay K. Vardhan						
0935 – 1010		Chairman Address - Dr. W. Selvamurthy CC R&D (LS) & DS						
1010 - 1025		Tea Break						
	Hall I DRDO Session	Time	Hall II Session B ANM	Hall III Session C NE	Hall IV Session D NBM			
1030 - 1040	Dr. Sudershan Kumar	1030-1100	IT 13	Prof. Dr. W. Arnold Study of Local Elastic and Anelastic Properties of Materials with nm Resolution using Atomic Force Acoustic Microscopy	IT 14	Prof. Dr. Seigo ITO Printed Solar Cells Dye-Sensitized Solar Cells and CuInS ₂ (Se ₂) Solar Cells	IT 15	Prof. Yury Shchipunov Biomimetic synthesis of titania on biomolecule templates
1040 - 1050	Dr. Harsh							
1050 - 1100	HEMRL							
1100 - 1110	IRDE	1100-1130	IT 16	Prof. Dr. A. K. Tyagi Nano oxides/nitrides and nanostructured coatings	IT 17	Prof. Dr. Myeon-Cheon New Hole Transporting Nanolayers and Its Hybrids for Hybrid OLEDs	IT 18	Prof. Basavaraj M. Applications of nutra-ceuticals-loaded biode-gradable nano particles
1110 - 1120	DMSRDE							
1120 - 1130	DLJ							
1130 - 1140	SSPL	1130-1145	163		216		281	
1140 - 1150	DMRL	1145-1200	198		217		294	
1150 - 1200	NMRL	1200-1215	203		247		308	
1200 - 1210	DIAT	1215-1230	222		248		321	
1210 - 1220	ASL	1230-1245	249		250		325	
1220 - 1255	Discussion	1245-0100	259		266		340	
1300 – 1400		Lunch						
	Hall I Session A SF		Hall II Session B ANM		Hall III Session C NE		Hall IV Session D NBM	
1400 – 1430	IT 19	Prof. Dr. M. Meyer Thermophysical Characterization of Nanomaterials by Laser Flash Analysis	IT 20	Prof. Dr. Hubert Gnaser Nanostructuring of Surfaces by Ion Irradiation	IT 21	Prof. Dr. Kamal Alameh Nano-engineered materials and structures and their applications	IT 22	Prof. Manoj Singh Nanotechnology for Biomedical Applications
1430 – 1445	258		280		271		389	
1445 – 1500	275		297		291		397	
1500 – 1515	315		298		318		406	
1515 – 1530	339		382		319		407	
1535 – 1555		Tea Break						
1600 - 1615	359		392		335		417	
1615 – 1630	388		394		338		447	
1630 – 1645	398		414		351		448	
1645 – 1700	404		424		353		480	
1700 – 1830	POSTER	269,286,296,299,303,307,312,313,317,324,326,334,363,366,372,373,374,379,380,391,399,260,278,290,295,300,302,309,311,330,342,346,355,356,371,383,386,387,393,395,400,251,252,253,264,270,272,284,320,323,332,333,347,365,367,385,273,289,322,337,341,343,354,357,381,390,396,255,283,310,314,327,376,254,262,265,306,344,345,368,274,276,277,279,287.						

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0800 Onwards								Registration																							
0900 - 0935								Plenary Talk by Prof. Dr. Harald Fuchs																							
				Hall I Session A SF				Hall II Session B ANM				Hall III Session C NE				Hall IV Session D NBM															
0945 -1015								IT 23		Prof. Dr. Mahendran The Nano Enabled Smart Materials for Acoustic Attenuation Applications				IT 24		Prof. Dr. Ramaraj Ramasamy Polymer Embedded Nano- structured Metal Particles Modified Electrodes				IT 25		Prof. Dr. Kuei-Hsien Chen Nanomaterials for Electro- catalysts in Polymer Electrolyte Fuel Cells				IT 26		Prof. Dr. T. Robert Tshikhudo Advanced Gold and Silver Nanoparticle Systems for Drug Delivery			
1015 - 1030								Tea Break																							
1030 – 1045		412				425				362				491																	
1045 –1100		415				461				378				502																	
1100 –1115		458				493				409				521																	
1115 –1130		462				501				433				559																	
1130 - 1145		483				515				438				565																	
1145 - 1200		503				537				441				576																	
1200 –1215		509				538				444				591																	
1215 –1230		533				543				450				593																	
1230 –1245		541				572				451				595																	
1245 –1300		542				579				452				601																	
1300 – 1400								Lunch																							
1400 – 1430								IT 27		Prof. Dr. M. Eswaramoorthy Glucose derived functional carbon nanostructures: One material with many applications				IT 28		Prof. Dr. U. Kamachi Mudali Nano Structured Coatings For Corrosion Protection				IT29		Prof. Dr. V. Murugasen Nano semiconductors - promising material for the destruction of endocrine disruptors in aqueous medium				IT 30		Prof. Dr. D. N. Rao Biodegradable Nano particle as vaccine targets for infectious disease			
1430 – 1445		560				592				505				633																	
1445 – 1500		564				610				508				193																	
1500 – 1515		567				612				510				218																	
1515 – 1530		586				635				540				270																	
1530 – 1545								Tea Break																							
1600 – 1715								NANO - 2010 Panel Discussion																							
1730 – 1830								POSTER 402,419,422,428,430,431,445,453,463,467,476,500,513,523,534,421,454,478,485,486,487,488,494,499,504,514,517,518, 529,532,536,410,411,420,423,427,434,479,496,519,528,535,401,403,435,459,464,468,471,481,489,490,498,524,530,408, 446,466,482,492,416,426,436,437,465,470,495,511,522,539,413,457.																							

16.12.2010

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	Hall I	Session A SF & NA	Hall II	Session B ANM & NA	Hall III	Session C NE & EE	Hall IV	Session D EE & NBM
0800 Onwards	Registration							
0900 – 0930	IT31	Prof. Dr. R. K. Soni A novel method of preparation of nano-TiO ₂ by decomposing photocured films	IT32	Prof. Dr. Hak Yang Kim Photocatalytic activity of ZnO, and ZnO-TiO ₂ Hierarchical nanostructure	IT33	Prof. Dr. Oscar Awitor Fabrication and characterization of biologically-active nanostructures	IT34	Prof. Dr. Qasim Chaudhry Food Applications of Nanotechnologies – An Overview of Potential Benefits and Risks
0930 – 0945	587		639		557		285	
0945 – 1000	607		650		600		288	
1000 – 1015	622		173		634		293	
1015 – 1030	630		190		405		301	
1030 – 1045	640		211		418		316	
1045 – 1100	671		236		432		328	
1100 – 1115	674		267		439		329	
1115 – 1130	474		292		440		348	
1130 – 1145	Tea Break							
1145 – 1200	497		304		456		349	
1200 – 1215	506		305		460		352	
1215 – 1230	516		331		512		358	
1230 – 1245	583		336		546		360	
1245 – 1300	585		384		547		369	
1300 – 1400	Lunch							
1400 – 1415	621		429		548		370	
1415 – 1430	668		443		556		375	
1430 – 1445	675		472		563		658	
1445 – 1500	663		654		659			
1500 – 1600	Poster : 574,577,582,584,588,589,594,597,599,605,613,615,620,624,626,631,642,660,669,670,676,677,686,561,573,575,578,606,636,638,647,648,653,657,661,672,673,679,551,570,580,602,646,562,590,598,643,644,645,680,683,552,603,604,608,618,637,656,665,666,667,609,616,617,625,651,655,662,664,566,568,569,623,627,628,629,632,649,678,681,682,684,685,687,688,689,690,691,692,693,694,695,696,697,698,699,700,701.							
1600 – 1615	Tea Break							
1615 – 1715	Valedictory							

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