

NANO – 2010 PROGRAMME SCHEDULE

Sunday		12.12.2010 – Pre Conference							
	1600-1900	Registration							Venue: Nano Hall
	1900-2030	Reception Dinner							Venue: Nano Hall
Monday		13.12.2010 – Day 1							
	0800-0900	Registration							Venue: Nano Hall
	0900-1010	Inauguration: Chairman K.S.Rangasamy, KSR Group of institutions, Delivering of IUPAC opening address: Kurt E.Geckeler GIST, South Korea, Chief Guest: Baldev Raj, Director, IGCAR, Kalpakkam, Release of Proceedings: M. S. Palanichamy, Vice Chairman, TSCTE, Chennai, Declare Open of Exhibition: Richard R. Ernst, Nobel Laureate, ETH, Switzerland, Release of Souvenir: B. Hillebrands, Tech. Univ. Kaiserslautern, Welcome address: K. Thyagarajah, Principal, KSRCT, About NANO 2010: V. Rajendran, Chair NANO 2010							
	1010-1030	Coffee / Tea Break							Venue: Nano Hall
	1030-1130	Plenary Talk - Richard R. Ernst, Nobel Laureate, ETH, Switzerland (Session Chair E. S. R. Gopal)							Venue: Nano Hall
	1130-1150 (Assembling in respective Hall)	Hall A -Nano Hall Oral Session 1A Synthesis & Characterisation Chair: Hillebrands Co-chair: K.Duraiswamy		Hall B CE Conf Hall Oral Session 1B Advanced Nanomaterials Chair: W. Arnold Co-chair: A. Lakshmi		Hall C Silver JubileeOral Session 1C Electronics, Energy & Environment Chair: Kurt E. Geckeler Co-chair: M.Kannan		Hall D Cyberdome Oral Session1D Nano Bio Medical Chair: Yury Shchipunov Co-chair: Sivamalai Rangasamy	
	1150-1220	Invited Talk IT 1	Stan Veprek Search for New Ultrahard Materials: Go Nano!	Invited Talk IT 2	Dirk Grundler A reconfigurable magnonic crystal formed by interacting ferromagnetic nanowires	Invited Talk IT 3	Milan Kalal Search for an embedded true silicon laser using ordered Si nanostructures	Invited Talk IT 4	Jose M. F. Ferreira Nano-particulate systems to process Nanostructured devices for biomedical applications
	1220-1250	Invited Talk IT5	Shivendra V. Sahi An Eco-friendly Approach to Engineer Gold Nanoparticles of Desirable Geometries in Plant	Invited Talk IT 6	Oswald Pietzsch New Horizons in Nanomagnetism by Atomic-Scale Magnetic Probing	Invited Talk IT 7	Egbert Oesterschulze Columnar microresonators for pictogram mass detection in fluids with high quality factor	Invited Talk IT 8	Kannan Raghuraman Tumor-avid nanomaterials: from basic discovery to clinical translation
	1300-350	Exhibition Stall visit /Lunch							Venue: Near Nano Hall
	1400-1430	Hall A Nano Hall Oral Session 2A Synthesis & Characterisation Chair:V. N. Rastogi Co-chair: G. Vennila		Hall B CE Conf Hall Oral Session 2B Advanced Nanomaterials Chair: A. K. Tyagi Co-chair: B. G. Geetha		Hall C Silver Jubilee OralSession 2C Electronics, Energy & Environment Chair: Seigo Ito Co-chair: V. Ramachandran		Hall D Cyberdome Oral Session 2D Nano Bio Medical Chair: Basavaraj M. Co-chair: P. Ponnurugan	
		Invited Talk IT35	P. Sujatha Devi Synthetic Strategies & Properties of Functional Nanomaterials	Invited Talk IT10	S.A. Syed Asif Recent developments in nanomechanical testing	Invited Talk IT 11	Murali Sastry Interfacing biology with nanoparticles	Invited Talk IT 12	Wilhelm K. Aicher Defined scaffolds to address stem cells
	1430-1445	110	R. Ramesh	102	Om Prakash Nautiyal	124	P. R. Mandal	142	Sergey Shityakov
	1445-1500	113	M.A. Shah	108	Saurabh Srivastava	151	R. Saravana Kumar	147	V.A. Selvi
	1500-1515	138	Raj Karan Nayyar	118	K. Subramaniam	172	A. Benfdila	171	G.S. Shekhawat
	1515-1530	140	Debesh Devadutta Mishra	123	S. Kundu	186	Arunava Chaudhuri	205	Priyanka Sharma
	1530-1600	Coffee / Tea Break							
	1600-1615	160	D. Wong	125	T.K. Nath	194	S. Maheswari	214	S. Pavithra
	1615-1630	161	S.A. Acharya	139	Sachin Tyagi	197	A.K. Shukla	233	T. Elakkiya
	1630-1645	181	A.K. Srivastava	149	M. Prashantha	210	G. Rajakumar	257	R.S. Subhasree
	1645-1700	245	A. Arivarasan	157	N. Boshkov	216	K. Muthulakshmi	268	N. Subramanian
	1700-1830	Poster Presentation: (Chair: Kurt E. Geckeler) 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, 145,146,154,184, 202,221,231,246,104,134,158,185,188,192,195,207,208,212,215,219,235, 153,156,164,167,178,179,201,204,209,229,234,241,244, 116,117,131,143,155,175,183, 226,230,232,240, 127,144,170,177,182,187,206,228,242.							Venue: IT Park Ground Floor
	1830 – 2030	Cultural Programme & Dinner							Venue: Nano Hall

14.12.2010 – Day 2												
0800-0900	Registration								Venue: Nano Hall			
0900-0935	Plenary Talk - Vijay K. Vardhan, USA								Venue: Nano Hall			
0935-1010	Chairman Address - W. Selvamurthy DS &CC R&D (LS), DRDO, New Delhi								Venue: Nano Hall			
1010-1025	Coffee / Tea Break											
Tuesday 1030-1300	Hall A Nano Hall Session 3A			Hall B CE Conf Hall Oral Session 3B			Hall C SilverJubilee Oral Session3C			Hall D Cyberdome Oral Session 3D		
	DRDO Special Session			Advanced Nanomaterials			Electronics, Energy & Environment			Nano Bio Medical		
	Chair: W. Selvamurthy			Chair: Egbert Oesterschulze			Chair: Milan Kalal			Chair: Jose M. F. Ferreira		
	Co-chair: N. Shanthi			Co-chair: R. Anitha			Co-chair: K. B. Jayanthi			Co-chair: M. S. Premalatha		
	ASL	1030-1100	Invited Talk IT 13	W. Arnold	Study of Local Elastic and Anelastic Properties of Materials with nm Resolution using Atomic Force Acoustic Microscopy	Invited Talk IT 14	Seigo Ito	Printed Solar Cells	Invited Talk IT 15	Yury Shchipunov	Biomimetic synthesis of titania on biomolecule templates	
	DIAT											
	DLJ	1100-1130	Invited Talk IT 16	A. K. Tyagi	Nano oxides/nitrides and nanostructured coatings	Invited Talk IT 36	D. Ravinder	Nano- structural Ferrite thin films	Invited Talk IT 18	Basavaraj Madhusudan	Applications of nutraceuticals-loaded biodegradable nano particles	
	DMRL											
	DMSRDE	1130-1145	163	Sunil Bhardwaj	217	B. Chandar Shekar	281	Guoguang Su				
	DRDE	1145-1200	198	Kapil Saxena	247	P. Padmavathy	294	Omkar S. Kushwaha				
	HEMRL	1200-1215	203	D.K. Mishra	248	Narottam Das	308	O.K. Awitor				
	IRDE	1215-1230	222	T.P. Mohan	250	Anju Babu	321	Jayeeta Sengupta				
	NMRL	1230-1245	249	Arnab Kundu	266	D. Saraswathi	325	T. Anusuya				
	NPOL	1245-1300	259	S. Rajesh	271	K. Vallal Peruman	340	Krishnan Namboori P.K				
	SSPL											
Panel												
Discussion												
1300-1400	Exhibition Stall Visit /Lunch								Venue: Nano Hall			
Tuesday 1400-1430	Hall A Nano Hall Session 4A			Hall B CE ConfHall Oral Session 4B			HallC Silver Jubilee Oral Session4C			Hall D- Cyberdome Oral Session 4D		
	Synthesis & Characterisation			Advanced Nanomaterials			Electronics, Energy & Environment			Nano Bio Medical		
	Chair: Kannan Raghuraman			Chair: Shivendra V. Sahi			Chair: Kamal Alameh			Chair: Wilhelm K. Aicher		
	Co-chair: A.Murugesan			Co-chair: S. Thangavel			Co-chair: A. Kumaravel			Co-chair: N. Meenakshi Sundaram		
	Invited Talk IT 19	Markus Meyer	Characterization of Nanomaterials by Laser Flash Analysis	Invited Talk IT 20	Hubert Gnaser	Nanostructuring of Surfaces by Ion Irradiation	Invited Talk IT 21	Kamal Alameh	Nano-engineered materials and structures and their applications	Invited Talk IT 22	Manoj Singh	Nanotechnology for Biomedical Applications
	1430-1445	258	D. Selvakumar	280	Suguna Perumal	291	R. Vasudevan	389	Nagesh B.V.,			
	1445-1500	275	Pravuram Panda	297	P. Priyadharsini	318	L. Sheela	397	S.S. Liji Sobhana			
	1500-1515	315	S.B. Srivastava	298	A. Ramsaroop	319	R.N. Jadhav	406	G. Suresh Kumar			
	1515-1530	339	P. Chowdhury	382	S.K. Verma	320	K.C. Preetha	407	S.M. Rathod			
	1530-1545	429	Meher Wan	392	Karthikeyan S	335	K. Ananthasivan	417	J. Bhadra			
	1545-1600	Coffee / Tea Break										
	1600-1615	359	R. Elilarassi	394	V. Cecen	338	A. Sivakami	447	M.I. Ahymah Joshy			
	1615-1630	388	Nitturi	414	Rashmi Rekha Devi	351	Harish C. Barshilia	448	R. Vani			
	1630-1645	398	G. Ravi	424	R. Kodi Pandyan	353	B. Deepthi	480	Man Singh			
1645-1700	404	Bilal Ahmad	425	Pradnya N. Dange	362	Sumaira Mehraj	491	Seema				
1700-1830	Poster Presentation: (Chair: Burkard Hillibrands)								Venue: IT Park Ground Floor			
	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, 251,252,253,264,270,272,284,323,332,333,347,365,367,385,273,289,322,337,341,343,354,357,381,390,396,255,283,310,314,327,376,254,262,265,306,344,345,368,274,276,277,279,287.											
1900 – 2100	Cocktail Dinner								Venue: Nano Hall			

15.12.2010 – Day 3											
Wednesday	0800 – 0900	Registration								Venue: Nano Hall	
	0900 – 0935	Plenary Talk - Harald Fuchs, Germany (Session Chair: P. Natarajan)								Venue: Nano Hall	
	0945 -1015	Hall A -Nano Hall Session 5A			Hall B – CE Conf Hall Oral Session 5B			Hall C Silver Jubilee Oral Session 5C		Hall D Cyberdome Oral Session 5D	
		Synthesis & Characterisation			Advanced Nanomaterials			Electronics, Energy & Environment		Nano Bio Medical	
		Chair: Stan Veprek			Chair: Dirk Grundler			Chair: Kamachi Mudali		Chair: D.Ravinder	
		Co-chair: K.Saminathan			Co-chair: P.Sundarrajan			Co-chair: R. Jeyabharath		Co-chair: P.Prabu	
	Invited Talk IT 23	M. Mahendran The Nano Enabled Smart Materials for Acoustic Attenuation Applications			Invited Talk IT 24	Ramaraj R. Polymer Embedded Nano- structured Metal Particles Modified Electrodes			Invited Talk IT 25	Kuei-Hsien Chen Nanomaterials for Electro- catalysts in Polymer Electrolyte Fuel Cells	
		Invited Talk IT 26	T. Robert Tshikhudo Advanced Gold and Silver Nanoparticle Systems for Drug Delivery								
	1015-1030		Coffee / Tea Break								
	1030-1045	412	Priyadarshini Nayak			461	M.R. Nisha		378	D.K. Singh	
	1045-1100	415	V. Senthilkumar			493	V. Sorna Gowri		409	B. Chandrababu	
	1100-1115	458	S. Prasanna			501	Nagsen Meshram		433	D. Ravinder	
	1115-1130	462	S. Uma			515	Sarat K. Rout		438	S. Uthanna	
	1130-1145	483	Suman Kushwaha			537	Maria Ignat		441	Rajesh Patel	
	1145-1200	503	Bikash Bhattacharyya			538	Roxana Popovici		444	S.B. Kondawar	
	1200-1215	509	P. Kumbhakar			543	Vinod V.		450	D. Roy Mahapatra	
	1215-1230	533	Krishnamurthy Sneha			572	S. Anitha		451	A.R. Bulatov	
	1230-1245	541	Shaheen Taj			579	M.S. Khan		452	P.P. Kulkarni	
	1245-1300	542	Jijoy P. Mathew			136	R. Pratibha Nalini		189	Sandesh Jaybhaye	
	1300-1400	Exhibition Stall Visit /Lunch								Venue: Nano Hall	
1400-1430	Hall A Nano Hall Oral Session 6A			Hall B CE conf Hall Oral Session- 6B			Hall C Silver Jubilee Oral Session 6C		Hall D Cyberdome Oral Session 6D		
	Synthesis & Characterisation			Advanced Nanomaterials			Electronics, Energy & Environment		Nano Bio Medical		
	Chair: T.Jayakumar			Chair: Hubert Gnaser			Chair: A.K.Das		Chair: C.S.Sundar		
	Co-chair: V.Mohan			Co-chair: R. Palanivelu			Co-chair: M. Mani		Co-chair: C. Chandran		
Invited Talk IT 27	M. Eswaramoorthy Glucose derived functional carbon nanostructures: One material with many applications			Invited Talk IT 28	U. Kamachi Mudali Nano Structured Coatings For Corrosion Protection			Invited Talk IT29	V. Murugasen Nano semiconductors - promising material for the destruction of endocrine disruptors in aqueous medium		
	Invited Talk IT 30	D. N. Rao Biodegradable Nano particle as vaccine targets for infectious disease									
1430-1445		119	T. Jesty			592	Eagambaram Murugan		505	Periyayya Uthirakumar	
1445-1500	560	S. Tripura Sundari			610	P. Mathiazhagan		508	S. Buga		
1500-1515	564	S. Lokina			612	I. Shown		510	T. Greeshma		
1515-1530	567	G. Kanchana			635	B. Haidar		540	Ishita Banerjee		
1530-1545	Coffee / Tea Break										
1600-1715	NANO -2010 Panel Discussion : Chair K. Sekhar, OS &CC R&D (MS & LIC), DRDO, New Delhi, Members : P. Natarajan – NCUFP T.Jayakumar –IGCAR, C.S.Sundar –IGCAR , Nominees from DST, DRDO,ICMR, CSIR etc.								Venue: Nano Hall		
1730-1830	Poster Presentation: .(Chair: Prof. Ramaraj R. MKU)								Venue: Venue: IT Park Ground Floor		
	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										
1900-2100	Dinner								Venue: Nano Hall		

16.12.2010 – Day 4										
Thursday	0800-0900	Registration								Venue: Nano Hall
		Hall A Nano Hall Oral Session 7A		Hall B CE conf Hall Oral Session 7B		Hall C -Silver Jubilee Oral Session 7C		Hall D Cyberdome Oral Session 7D		
		Synthesis & Characterisation		Advanced Nanomaterials		Electronics, Energy & Environment		Nano Applications		
		Chair: V.K.Rao		Chair: Thomas Mathew		Chair: Benfelda		Chair: Kurt E. Geckeler		
		Co-chair: P.Somasundaram		Co-chair: B.Kalaavathi		Co-chair: P.Veena		Co-chair: V.Balakrishnan		
	0900-0930	Invited Talk IT31	R. K. Soni A novel method of preparation of nano-TiO ₂ by decomposing photocured films	Invited Talk IT37	B. S. Murty Nanostructured metallic glasses and quasicrystalline materials	Invited Talk IT33	Oscar Awitor Fabrication and characterization of biologically-active nanostructures	Invited Talk IT34	Qasim Chaudhry Food Applications of Nanotechnologies – An Overview of Potential Benefits and Risks	
	0930-0945	586	C.R. Chinnamuthu	639	Jitendra Pal	557	R.K. Singhal	285	V. Rajeswari	
	0945-1000	587	J. Santhanalakshmi	650	Suman Awasthi	600	Preethi A.V.M	288	Surendran Parambadath	
	1000-1015	607	Palanivel Velmurugan	173	Akhouri Sanjay Kumar	634	S. Gobalakrishnan	293	Subha Jayaraman	
	1015-1030	622	Subrata Roy	190	Sikandar H. Tamboli	405	V. Parthasarathy	301	Bhabani Sankar Sahu	
	1030-1045	640	K. Vasanthkumar	211	R.A. Gharde	418	R.K. Misra	316	K.V. Murali	
	1045-1100	Coffee / Tea Break								
	1100-1115	317	A.J. Ragina	236	S. Kumaravel	432	M. Obula Reddy	328	Harsha Mangal	
	1115-1130	497	S. Ravindra	267	Subramanian N.,	439	M. Yadav	329	Amit Saxena	
	1130-1145	506	B.L. Choudhary	292	Rashmi Chourasia	440	Hem Bhatt	348	K. Anbalagan	
	1145-1200	516	Ashok Kumar	304	Merlyn Thandu	456	Arti Pant	349	K. Anbalagan	
	1200-1215	583	Satya Pal Singh	305	Pallavi Deshmukh	460	P. Nampoothiri	352	N. Selvakumar	
	1215-1230	585	Subramanian K.S.	331	S. Periyasamy	512	S. Chandramohan	358	S. Suresh	
	1230-1245	671	Debdatta Ratna	336	S. Ramesh	546	Chhavi R. Pasricha	360	V. Gayathri	
	1245-1300	674	D.S. Patil	384	Dhiraj Saxena	547	Chhavi N. Bahadur	369	M. Raja	
1300-1400	Exhibition Stall Visit /Lunch								Venue: Nano Hall	
	Hall A -Nano Hall Oral Session 8A		Hall B CE conf Hall Oral Session 8B		Hall C Silver Jubilee Oral Session 8C		Hall D Cyberdome Oral Session 8D			
	Synthesis & Characterisation		Advanced Nanomaterials		Electronics, Energy & Environment		Nano Applications			
	Chair: P.K.Bandopathyay		Chair: Eswaramurthy		Chair: Harald Fuches		Chair: P.Kolandaivelu			
	Co-chair: N.K.Palaniswamy		Co-chair: P.Shanmugam		Co-chair: J. Philip Robeinson		Co-chair: M.Thangavel			
1400-1415	474	P.R. Rauta	443	Subramani Thangavel	548	N. Thakur	370	M. Paramasivam		
1415-1430	621	A. Das	472	Yan-Yu Nian	563	Bharath Reddy	375	J. Shahitha Parveen		
1430-1445	663	Ajay Kumar Gupta	654	Pratibha Pandey	659	E. Manikandan	658	K. Sasikumar		
1445-1500	668	S. Kannan			675	P. Sivaraman	705	D. Pamu		
1500 – 1600	Poster Presentation: Chair: P. Natarajan 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, 619, 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, 694,695,696,697,698,699,700-710								Venue: IT Park Ground Floor	
1600 – 1615	Coffee / Tea Break								Venue: Nano Hall	
1615 – 1715	Valedictory - Chief Guest : K. Sekhar, OS &CC R&D (MS & LIC), DRDO, New Delhi								Venue: Nano Hall	