

**INTERNATIONAL SYMPOSIUM ON MACRO-AND SUPRAMOLECULAR ARCHITECTURES AND MATERIALS (MAM-12):
NANO SYSTEMS AND APPLICATIONS**



PROGRAMME SCHEDULE

20.11.2012, Tuesday

Time	Events
18.00-20.00	Registration



**INTERNATIONAL SYMPOSIUM ON MACRO-AND SUPRAMOLECULAR ARCHITECTURES AND MATERIALS (MAM – 12):NANO SYSTEMS AND APPLICATIONS
PROGRAMME SCHEDULE**

21.11.2012, Wednesday

Invited Lecture Session	08.00 Onwards	Registration							
	09.00-11.15	Inauguration- Ball room <ul style="list-style-type: none"> • Dr.K.S. Rangasamy – Presiding Over the Function • Dr. Kurt E Geckeler – Opening Address • Dr.Robert V.Duncan – Inaugural Address • Mr.Duraivel A Gopal – Release the Proceedings and Offer Felicitations • Shri.R.Srinivasan – Offer Felicitations • Dr.K.Thyagarajah – Welcome Address • Dr.V.Rajendran – About the Conference 						Plenary Talk Prof. Dr. Peter Gruenberg (Nobel Laureate, 2007, Physics)	
	11.15-11.30	Break							
		Hall A : Crystal		Hall B : Ruby		Hall C: Emerald		Hall D: Diamond	
	Session Chair	Prof. Dr. Kamal Alameh		Prof. Dr. Makhapa Makhafola		Prof. Dr. W. Arnold		Prof. Dr. Robert Tshikhudo	
	11.30-12.00	IL-12	Prof.Dr. Hiroyuki Nishide Robust and Efficient Charge Storage by Radical Polymer Grafting around Carbon Nanotubes	IL -08	Prof. Dr. Edward Rosenberg Transition metal complexes immobilized on nano-porous silica-polyamine composites.	IL-16	Prof. Dr. Kannan Raghuraman Bench-to-bedside translation of diagnostic and therapeutic nanomaterials	IL-26	Prof.Dr. Bhuvanesh Gupta Nanoconstruction of Polypropylene Surface for Medical Application
	12.00-12.30	IL-24	Prof.Dr. Oscar Awitor PhysicoChemical Characteristics of Self-Organized Nanoporous Inorganic Templates	IL-31	Prof.Dr.Stan Vepek Limits to the Preparation of Super- and Ultra-hard Nanocomposites and the Issue of the Correct Measurement of their Hardness	IL-09	Prof. Dr. M. Eswaramoorthy Organic-inorganic hybrids for drug delivery and light harvesting applications	IL-20	Prof. Dr. Lucky Sikhwivhilu Chemically Engineered Nanoparticles, nanorods and nanotubes for water, sensing and other applications
	12.30-12.50	107		102		113		114	
	13.00 -14.00	Lunch							
	Session Chair	Prof. Dr. M. Swaminathan		Prof. Dr. Edward Rosenberg		Prof. Dr. M. Eswaramoorthy		Prof. Dr. Bhuvanesh Gupta	
14.00 -14.20	108		104		128		115		
14.20-14.40	109		106		137		341		
14.40-15.00	118		110		147		131		
15.00 -15.20	124		112		155		135		
15.20 -15.40	130		116		170		136		
15.40 -16.00	134		125		178		149		
16.00 -16.15	Break								
16.15 -16.35	142		103		198		161		
16.35 -16.55	144		163		318		356		
16.55 -17.15	328		219		214		176		
17.15-17.35	151		232		231		183		
18.00 -20.00	Cultural Programme Followed by Dinner - Ball room								

22.11.2012, Thursday

08.00 Onwards		Registration											
Invited Lecture Session	Session Chair	Hall A : Crystal		Hall B : Ruby		Hall C: Emerald		Hall D: Diamond					
		Prof. Dr. Shanker		Prof. Dr. Hiroyuki Nishide		Prof. Dr. Bernabe Rivas		Dr. K. Kadirvelu					
	09.00-09.30	IL- 05	Prof.Dr. Christiane Ziegler Interfacing organic semiconductors with ferromagnetic electrodes for spintronic applications		IL-18	Prof. Dr. W. Arnold Relaxation modes in complex metallic glasses studied by local and global mechanical spectroscopy		IL-30	Prof.Dr. CC Chen Preparation of Fe1-xPtRux Nanocrystals for Catalytic and Biomedical Applications		IL-19	Prof.Dr. Kuei Chen Graphene nanowalls for fuel cell and supercapacitor applications	
	09.30-10.00	IL-28	Prof.Dr. Robert Tshikhudo Development of Nano Systems and Diagnostic Devices Towards Addressing Socio-Economic Challenges Facing Africa		IL-27	Prof.Dr. Anupama Kaushik Sharma Chain extended polyurethane nanocomposites from vegetable oil reinforced with modified clay and cellulose nanofibers		IL-33	Prof.Dr. Suresh Valiavettill Biomimetic Nanofibers for Environmental Applications		IL-32	Prof.Dr. Henry W.White Suitability of ZnO and BeZnO for UV Detector Elements	
Contributed Paper Session	10.00-10.20	162		247		233		192					
	10.20-10.40	175		253		235		199					
	10.40-11.00	182		256		250		202					
	11.00-11.15	Break											
	11.15-11.35	185		257		264		206					
	11.35-11.55	189		260		267		217					
	11.55-12.15	191		270		269		226					
	12.15-12.35	299		274		292		227					
	12.35-12.55	215		275		304		230					
	13.00-14.00	Lunch											
	Session Chair	Prof. Dr. Christiane Ziegler		Prof. Dr. Anupama Kaushik Sharma		Prof. Dr. Annette L. Sobel		Prof. Dr. Henry W.White					
	14.00-14.20	228		280		320		236					
	14.20-14.40	278		283		322		309					
	14.40-15.00	286		288		335		251					
15.00-15.20	289		291		343		252						
15.20-15.40	296		294		344		358						
16.00-16.15	Break												
16.15-18.00	Poster	105, 139, 184, 186, 187, 188, 190, 200, 266, 308, 433, 441, 444, 445, 446, 465, 497, 518, 529, 536, 537, 111, 168, 239, 255, 285, 310, 327, 384, 437, 438, 443, 450, 479, 480, 482, 483, 498, 504, 508, 510, 512, 517, 519, 531, 540, 541, 143, 171, 179, 207,451											

23.11.2012, Friday

	0800 Onwards	Registration							
	09.00-10.00	Poster	272, 449, 485, 488, 500, 501, 502, 520, 530, 165, 212, 248, 329, 354, 360, 364, 387, 426, 431, 439, 440, 454, 459, 473, 495, 515, 521, 524, 262, 532, 120,122,133,154,172,195,196, 391, 406, 460, 464, 481, 496, 542, 544, 545, 546, 467, 474, 258, 234, 210						
Contributed Paper / Invited Lecture Session	Session Chair	Prof. Dr. K. Muraleedharan	Prof. Dr. Wilhelm Aicher			Prof. Dr. CC Chen		Prof. Dr. Kuei Chen	
		Hall A : Crystal DRDO Special Session	Time	Hall B : Ruby		Hall C : Emerald		Hall D : Diamond	
	10.00-11.30	IL-13 Shri. DBS Sethi IL-38 Dr. P. Ghosal IL-37 Dr. K. Balasubramanian IL- 17 Dr. P. K. Khanna	10.30 -11.00	IL-07	Prof. Dr. Eduard Karahanov Ensembles of nanoparticles through encapsulation in dendrimer megamers: synthesis and application	IL-15	Prof. Dr. Kamal Alameh Micro- and Nano-photonics: Devices, Systems and Applications	IL-40	Prof. Dr. Cutler Cathy Nanoparticles for Imaging and Therapy
			11.00 -11.30	IL -21	Prof. Dr. Y K Vijay Nano-Engineering of Polymers:Characterization and Applications.	IL-02	Prof.Dr. Annette L. Sobel Innovative applied nano systems engineering education and training	IL-35	Prof. Dr.C. Ramachandra Latest Trends in Micro Fabrication Technologies
	11.30-11.45	Break							
	11.45-12.00	169	11.45-12.05	505		352		273	
	12.00-12.15	204							
	12.15-12.30	249	12.05-12.25	164		353		281	
	12.30-12.45	263							
	12.45-13.00	348	12.25-12.45	145		359		514	
	12.45-13.00	373							
	13.00-14.00	Lunch							
	Session Chair	Prof. Dr. K. Muraleedharan	Prof. Dr. Suresh Valiavettill			Prof. Dr. Lucky Sikhwivhilu		Prof. Dr. C. Ramachandra	
	14.00-15.30	IL- 39 Dr. Ekat Kohli	14.00-14.20	340		363		297	
		IL- 10 Dr. R.B.Sharma	14.20-14.40	346		370		298	
		IL-01 Shri. Poornendu Chaturvedi	14.40-15.00	287		378		300	
			15.00-15.20	355		379		302	
		IL- 41 Dr. D. Ratna	15.20-15.40	361		388		305	
			15.40-16.00	366		397		316	
	15.30 -15.45	405							
15.45 -16.00	419								
16.00 -16.15	Break								
16.15-16.30	458	16.15-16.35	374		398		325		
16.30 -16.45	471	16.35-16.55	375		401		326		
16.45 -17.00	476	16.55-17.15	376		409		276		
17.00 -17.15	503								
17.15 -18.15	Panel Discussion- Ball room Chair : Dr. K. Muraleedharan Members <ul style="list-style-type: none"> • Prof. Dr. E.S.R. Gopal • Shri. S. Praveen Kumar • Prof. Dr. Makhapa Makhafola • Prof. Dr. Sandip Kumar Dhara 								

24.11.2012, Saturday

Invited Lecture Session	0800 Onwards Registration								
	09.00- 09.45 Plenary Talk by Dr. W. Selvamurthy								
		Hall A : Crystal			Hall B : Ruby		Hall C: Emerald		Hall D: Diamond
	Session Chair	Prof. Dr. Kurt E Geckeler			Prof. Dr. R. Jayavel		Shri. DBS Sethi		Prof. Dr. Seigo ITO
09.45 -10.15	IL-36	Prof. Dr. Wilhelm Aicher Peptides selective for distinct human mesenchymal stromal or stem cells; new ways for modification of biomaterials	IL-25	Prof. Dr. Bolisetty A journey into amyloid fibrils: from pathogenic agents, to building blocks for foods and functional nanocomposites	IL-04	Prof. Dr. Bernabe Rivas Functional polymers to remove hazardous inorganic species	IL-34	Prof. Dr. Nt.T.K. Thanh Next Generation of Magnetic Nanoparticles for Biomedical Applications	
10.15 -10.35	307		386		411		336		
10.35-10.55	311		396		415		339		
10.55-11.10	Break								
11.10-11.30	315		382		417		342		
11.30-11.50	319		425		447		345		
11.50-12.10	321		448		422		362		
12.10-12.30	338		213		538		371		
12.30-13.00	350		271		539		377		
13.00-14.00	Lunch								
Session Chair	Prof. Dr. T. Mukundan			Prof. Dr. Ahmet Gurses		Prof.Dr.Stan Veprek		Prof. Dr. Kannan Raghuraman	
14.00-14.20	365		126		157		380		
14.20-14.40	368		129		295		389		
14.40-15.00	372		313		511		403		
15.00-15.20	381		166		489		413		
15.20-15.40	402		452		436		418		
15.40-16.00	332		463		543		435		
16.00-16.15	Break								

25.11.2012, Sunday									
	0800	Registration							
Invited Lecture Session	09.00-09.45	Plenary Talk by Dr. Robert V Duncan							
		Hall A : Crystal		Hall B : Ruby		Hall C: Emerald		Hall D: Diamond	
	Session Chair	Prof. Dr. Eduard Karahanov		Prof. Dr. Cutler Cathy		Prof. Dr. Oscar Awitor		Prof. Dr. E.S.R. Gopal	
	09.45-10.15	IL-29	Prof. Dr. Seigo ITO Full-Inorganic All Non-Vacuum-Processed Printed Solar Cells	IL-22	Prof. D. N. Rao Multiple peptide antigen (MAP) approach for V antigen of Y. pestis as a vaccine candidate	IL-42	Prof. Dr. Gianareliu Cuniberti Thermoelectricity in Molecular Nanostructures: pros and pros	IL-24	Prof. Dr. Kamachi Mudali U Micro-Nano Texturing for Imparting Superhydrophobicity to Improve Corrosion Resistance of Materials
	10.15-10.45	IL-03	Prof. Dr. Basavaraj Madhusudhan Enabling nanotechnology: Fundamentals and Applications	IL-06	Prof. Dr. Ahmet Gürses Preparation of Organoclays And Polymer /Clay Nanocomposites	IL-23	Prof. Dr. K.Santhakumar Reduced grapheneoxide based electrode material for super capacitor applications	IL-43	Prof. Dr. Anima Nanda Exploration of microorganisms as potential biofactories for synthesis of metallic nanoparticles
Contributed Paper Session	10.45 -11.00	Break							
	11.00-11.20	383		410		522		392	
	11.20-11.40	385		420		547		513	
	11.40-12.00	393		421		526		535	
	12.00.12.20	395		516		528		333	
	12.20-12.40	400		434		527		491	
	13.00 -14.00	Lunch							
	14.00-15.30	Valedictory- Ball room <ul style="list-style-type: none"> • Dr. K.S. Rangasamy – Presiding Over the Function • Dr. K.Thyagarajah – Welcome Address • Dr. Prahlada, VC, DIAT – Valedictory Address • Shri. V. Viswanathan, HR, WIPRO – Offer Felicitations • Dr. Kurt E Geckeler – About MAM-14 • Shri. R. Srinivasan – Offer Felicitations • Dr. V. Rajendran – Concluding Remarks 							