

# TECHNICAL PROGRAMME

## Wednesday, 16 December 2009

Session Code: 1A

Date: 16 December 2009

Time: 13:00 - 17:10

Room: 301

13:00 - 13:30 hrs	1A - 01-IN	SICCA00065-00111	51
Supramolecular Chemistry of Thiocrowns and Calix-thiocrowns: Nanoarchitectures Exhibiting Crystal-to-Crystal Transformation and Photoswitching <u>Shim Sung Lee</u>			
13:30 - 14:00 hrs	1A - 02-IN	SICCA00213-00344	51
Self-Assembly, Molecular Recognition and Nano Devices of Re-Based Metallacycles <u>Kuang-Lieh Lu</u>			
14:00 - 14:30 hrs	1A - 03-IN	SICCA00087-00145	52
Metal-Ion Recognition of a Luminescent Re(I) Compound Containing 2-Pyridin-2-yl-1H-benzimidazole <u>Biing-Chiau Tzeng</u>			
14:30 - 14:50 hrs	1A - 4	SICCA00183-00309	52
Solid State Photochemical [2+2] Cycloaddition: A Tool to Study the Solid State Structural Transformation <u>Mangayarkarasi Nagarathinam</u> , Jagadeese J. <b>Vittal</b>			
14:50 - 15:10 hrs	1A - 5	SICCA00074-00119	53
A Multicomponent CuAAC "click" Approach to a Library of Hybrid Polydentate 2-pyridyl-1,2,3-triazole Ligands: New Building Blocks for the Generation Metallosupramolecular Architectures <u>James David Crowley</u> , Pauline <b>Bandeen</b>			
15:10 - 15:30 hrs	1A - 6	SICCA00114-00189	54
Self-assembly of Coordination Polymers to Crystalline, Gel and Fiber Materials <u>Wei Lee Leong</u> , Sudip K <b>Batabyal</b> , Jagadese J. <b>Vittal</b>			
15:30 - 15:50 hrs	1A - 7	SICCA00110-00185	54
Coordination Complexes Bearing Orthogonal Discotic Ligands <u>Nigel T Lucas</u> , Hadi M <b>Zareie</b> , Andrew M <b>McDonagh</b>			
15:50 - 16:10 hrs	1A - 8	SICCA00127-00217	55
Metal Organic Frameworks (MOFs) Constructed from Tetra-pyridyl Cyclobutane Ligand <u>Abdul Malik Puthan Peedikakkal</u> , Jagadese J. <b>Vittal</b>			
16:10 - 16:30 hrs	1A - 9	SICCA00265-00408	55
Nonlinear Optical Switching Behavior of Gold Nanocubes and Nanooctahedra Investigated by Femtosecond Z-Scan Measurements <u>Yih Hong Lee</u> , Yongli <b>Yan</b> , Lakshminarayana <b>Polavarapu</b> , Qing-Hua <b>Xu</b>			
16:30 - 16:50 hrs	1A - 10	SICCA00267-00409	56
Multicolor Tuning of Lanthanide-Doped Upconversion Nanoparticles <u>Feng Wang</u> , Juan <b>Wang</b> , Xuejia <b>Xue</b> , Xiaogang <b>Liu</b>			
16:50 - 17:10 hrs	1A - 11	SICCA00212-00342	56
Transition Metal and Group IV Element Complexes of Self-assembled Dithiocarbamates: Synthesis, Characterization and Biological Studies <u>K. S. Siddiqi</u> , Shahab A. A. <b>Nami</b> , Ahmad <b>Husain</b>			

**Session Code: 1B****Date: 16 December 2009****Time: 13:00 - 17:10****Room: 302**

<b>13:00 - 13:30 hrs</b>	<b>1B - 01-IN</b>	<b>SICCA00016-00027</b>	<b>56</b>
New Developments in C-F Activation by Rare Earth Compounds <u>Glen Deacon</u>			
<b>13:30 - 14:00 hrs</b>	<b>1B - 02-IN</b>	<b>SICCA00255-00396</b>	<b>57</b>
Polymerization Catalysis with Lewis Acidic Organometallics <u>Jun Okuda</u>			
<b>14:00 - 14:30 hrs</b>	<b>1B - 03-IN</b>	<b>SICCA00242-00382</b>	<b>58</b>
Small Molecule Activation with Frustrated Carbene-borane Lewis Pairs <u>Matthias Tamm</u>			
<b>14:30 - 14:50 hrs</b>	<b>1B - 4</b>	<b>SICCA00266-00410</b>	<b>58</b>
Palladium(II) Pyrazolin-4-Ylidene Complexes: Structural Diversity And Catalytic Activity <u>Yuan Han</u> , Han Vinh <b>Huynh</b>			
<b>14:50 - 15:10 hrs</b>	<b>1B - 5</b>	<b>SICCA00075-00120</b>	<b>59</b>
Metal-Carbon Bonding Interactions in Ruthenium-Allylidenes, -Isocyanide, and -Methoxycarbene Complexes <u>Chun-Yuen Wong</u> , Lo-Ming <b>Lai</b> , Chi-Yeung <b>Lam</b> , Hung-Fan <b>Leung</b> , Sze-Ho <b>Wong</b> , Nianyong <b>Zhu</b>			
<b>15:10 - 15:30 hrs</b>	<b>1B - 6</b>	<b>SICCA00097-00170</b>	<b>59</b>
Half-sandwich Tungsten and Iron Complexes Featuring Metal and Cyclopentadienyl bonded Silanol Functionality <u>Wolfgang Malisch</u> , Bera <b>Holger</b> , Palanisami <b>Nallasamy</b>			
<b>15:30 - 15:50 hrs</b>	<b>1B - 7</b>	<b>SICCA00191-00322</b>	<b>60</b>
Investigating the Reactivity of Metal-alkyne Bonds Bert <b>Swennenhuis</b> , Benjamin <b>Cieslinski</b> , Edward <b>Brothers</b> , <u>Ashfaq Bengali</u>			
<b>15:50 - 16:10 hrs</b>	<b>1B - 8</b>	<b>SICCA00236-00376</b>	<b>60</b>
Onio-Substituted Phosphorus Frameworks: Synthesis and Reactivities <u>J. J. Weigand</u> , K.-O. <b>Feldmann</b> , M. H. <b>Holthausen</b>			
<b>16:10 - 16:30 hrs</b>	<b>1B - 9</b>	<b>SICCA00045-00065</b>	<b>61</b>
Heterobimetallic Complexes, Involving <i>f/s</i> and <i>f/d</i> Elements <u>Peter Junk</u>			
<b>16:30 - 16:50 hrs</b>	<b>1B - 10</b>	<b>SICCA00262-00404</b>	<b>61</b>
Kinetics And Electronic Effects Of Ruthenium-Catalyzed [3 + 2]-Cycloaddition To 1,2,3-Triazole <u>Kuo-Wei Huang</u> , Duen-Ren <b>Hou</b>			
<b>16:50 - 17:10 hrs</b>	<b>1B - 11</b>	<b>SICCA00268-00411</b>	<b>62</b>
Synthesis And Characterization Of Thiolato-Bridged Pd(II) Benzimidazolin-2-Ylidene Complexes <u>Dan Yuan</u> , Vinh <b>Huynh Han</b>			

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**Session Code: 1C****Date: 16 December 2009****Time: 13:00 - 17:10****Room: 304**

<b>13:00 - 13:30 hrs</b>	<b>1C - 01-IN</b>	<b>SICCA00239-00379</b>	<b>63</b>
Colorful Chemical Genetics <u>Young-Tae Chang</u>			
<b>13:30 - 14:00 hrs</b>	<b>1C - 02-IN</b>	<b>SICCA00327-00471</b>	<b>63</b>
Multi-catalysis Cascade (MCC) Reactions: An Emerging Tool in Organic Synthesis <u>Dhevalapally B. Ramachary</u>			
<b>14:00 - 14:30 hrs</b>	<b>1C - 03-IN</b>	<b>SICCA00237-00377</b>	<b>63</b>
Chiral Guanidine Catalyzed Enantioselective Reactions <u>Choon-Hong Tan</u>			
<b>14:30 - 14:50 hrs</b>	<b>1C - 4</b>	<b>SICCA00008-00012</b>	<b>64</b>
Designing Hypothesis of Some 2,4 -Disubstituted-phenoxy Acetic Acid Derivatives as a CRTh <sub>2</sub> Receptor Antagonist: A QSAR Approach <u>Abhishek Jain</u>			
<b>14:50 - 15:10 hrs</b>	<b>1C - 5</b>	<b>SICCA00095-00166</b>	<b>64</b>
Synthesis of 1-(4-methoxybenzyl)-4-hydroxymethyl-1,2,3-triazole Kang <b>Cheng</b> , Haoyuan <b>Ren</b> , Kui <b>Duan</b> , Chunpeng <b>Niu</b> , Lingfang <b>Hao</b> , <u>Huiping Li</u>			
<b>15:10 - 15:30 hrs</b>	<b>1C - 6</b>	<b>SICCA00112-00187</b>	<b>65</b>
Characterization of Cinnamon Bark Proanthocyanidins and its Potential as Starting material for Chiral Epicatechin Derivatives <u>Runyan Ni</u> , Caili <b>Fu</b> , Dejian <b>Huang</b>			
<b>15:30 - 15:50 hrs</b>	<b>1C - 7</b>	<b>SICCA00220-00351</b>	<b>65</b>
The Use of Reflux and Sonication on the Etherification of Linalool in Cananga Oil from Distillation of Cananga Flower ( <i>Cananga Odorata Hook.F &amp; Thoms</i> ) <u>Rurini Retnowati</u>			
<b>15:50 - 16:10 hrs</b>	<b>1C - 8</b>	<b>SICCA00042-00068</b>	<b>65</b>
Preparation of Pd/ $\gamma$ -Al <sub>2</sub> O <sub>3</sub> Catalyst for Selective Hydrogenation of Acetylene in Excess Ethylene <u>Karim H. Hassan</u>			
<b>16:10 - 16:30 hrs</b>	<b>1C - 9</b>	<b>SICCA00092-00149</b>	<b>66</b>
The Chemistry of Melatonin's Interactions with Free Radicals Generated by 7, 12-dimethylbenz(a)anthracene (DMBA) <u>Mirunalini Sankaran</u>			
<b>16:30 - 16:50 hrs</b>	<b>1C - 10</b>	<b>SICCA00076-00121</b>	<b>66</b>
Ethyl ester production from Refined Palm Oil with Dry Washing by Ion Exchange Resin <u>Ruamporn Nikhom</u> , Chakrit <b>Tongurai</b>			
<b>16:50 - 17:10 hrs</b>	<b>1C - 11</b>	<b>SICCA00278-00419</b>	<b>67</b>
Asymmetric Organocatalytic Conjugate Additions With Vinyl Sulfones <u>Qiang Zhu</u> , Yixin <b>Lu</b>			

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**Session Code: 1D**

**Date: 16 December 2009**

**Time: 13:00 - 16:50**

**Room: 305**

<b>13:00 - 13:30 hrs</b>	<b>1D - 01-IN</b>	<b>SICCA00238-00403</b>	<b>67</b>
Bridged Triphenylamine-based Dendrimers: Tuning Enhanced Optoelectronic Performance with Locked Molecular Planarity			
Zhen <b>Fang</b> , <u>Yee-Hing <b>Lai</b></u> , Bin <b>Liu</b> , Xinhai <b>Zhang</b> , Marek <b>Samoc</b>			
<b>13:30 - 14:00 hrs</b>	<b>1D - 02-IN</b>	<b>SICCA00325-00469</b>	<b>68</b>
Cyclic Phosphites and Phosphazanes as Probes for Organic Reactions			
<u>K. C. Kumara <b>Swamy</b></u> , G. <b>Gangadhararao</b> , R. Rama <b>Suresh</b> , Manab <b>Chakravarty</b> , N. N. <b>Bhuvan Kumar</b>			
<b>14:00 - 14:30 hrs</b>	<b>1D - 03-IN</b>	<b>SICCA00243-00383</b>	<b>69</b>
Application of Rongalite in Organic Synthesis			
<u>Sambasivarao <b>Kotha</b></u>			
<b>14:30 - 15:10 hrs</b>	<b>1D - 04-KN</b>	<b>SICCA00326-00470</b>	<b>69</b>
Applications of Baylis-Hillman Adducts: Development of Novel Strategies for Synthesis of Heterocyclic Compounds			
<u>D. <b>Basavaiah</b></u>			
<b>15:10 - 15:30 hrs</b>	<b>1D - 5</b>	<b>SICCA00025-00039</b>	<b>70</b>
Synthesis and X-Ray Structural Studies of Amino Acids Half Sandwich Complexes of Osmium(II)			
<u>Raja Adil <b>Sarfraz</b></u> , Muhammad Shafique <b>Khan</b> , Tasneem Gul <b>Kazi</b>			
<b>15:30 - 15:50 hrs</b>	<b>1D - 6</b>	<b>SICCA00101-00169</b>	<b>70</b>
Chiral Multidentate Ligands from Oligomeric Proanthocyanidins			
<u>Caili <b>Fu</b></u> , Wei <b>Chen</b> , Yi Ling <b>Quek</b> , Runyan <b>Ni</b> , Xiuying <b>Chen</b> , Wendy Wen Yi <b>Leong</b> , Amylia Bte Abdul <b>Ghani</b> , Huaqiang <b>Zeng</b> , Haibin <b>Su</b> , Dejian <b>Huang</b>			
<b>15:50 - 16:10 hrs</b>	<b>1D - 7</b>	<b>SICCA00122-00200</b>	<b>71</b>
Regioselective Palladium(0)-Catalyzed Cross-Coupling Reactions of Tetrabromothiophene			
<u>Nasir <b>Rasool</b></u> , Dang Thang <b>Tung</b> , Langer <b>Peter</b>			
<b>16:10 - 16:30 hrs</b>	<b>1D - 8</b>	<b>SICCA00078-00128</b>	<b>71</b>
Investigating the Effects of Various Synthesis Parameters on the Catalytic Performance of Cobalt-Silica Catalyst			
<u>Aghil <b>Soman</b></u> , Tze Yang Calvin <b>Kwok</b> , Jian Ming Esmond <b>Tan</b> , Armando <b>Borgna</b> , Tse Loong Wallace <b>Lim</b>			
<b>16:30 - 16:50 hrs</b>	<b>1D - 9</b>	<b>SICCA00123-00201</b>	<b>71</b>
Preparation of Cobalt/silica Fiber Catalysts by Electrospinning Techniques for Fischer-Tropsch Synthesis			
<u>Siriwan <b>Sangprachum</b></u> , Prasert <b>Reubroycharoen</b> , Chaiyan <b>Chaiya</b>			

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**Session Code: 1E****Date: 16 December 2009****Time: 13:00 - 17:10****Room: 306**

<b>13:00 - 13:30 hrs</b>	<b>1E - 01-IN</b>	<b>SICCA00329-00473</b>	<b>72</b>
Charged Polystyrene Colloids: Synthesis and potential application <u>Tushar Jana</u>			
<b>13:30 - 14:00 hrs</b>	<b>1E - 02-IN</b>	<b>SICCA00250-00391</b>	<b>73</b>
Synthesis And Evaluation Of Sphingosine Analogs As Inhibitors Of Sphingosine Kinase <u>Lam Yulin</u>			
<b>14:00 - 14:30 hrs</b>	<b>1E - 03-IN</b>	<b>SICCA00328-00472</b>	<b>73</b>
Blue Photo- And Electroluminescence of Group-13 Nitride Nanoparticles <u>Frank C. J. M. van Veggel</u>			
<b>14:30 - 14:50 hrs</b>	<b>1E - 4</b>	<b>SICCA00057-00082</b>	<b>74</b>
Synthesis, Nematocidal and Antioxidant Properties of Some Novel 1,2,4-Triazole Derivatives <u>Yaseen Al-Soud</u> , Hamdoon <b>Muhammad</b>			
<b>14:50 - 15:10 hrs</b>	<b>1E - 5</b>	<b>SICCA00111-00186</b>	<b>74</b>
Facile Synthesis of Benzoxazoles via Intramolecular Oxidative C-H Bond Cleavage and Annulation <u>Wei Yao</u> , Dejian <b>Huang</b>			
<b>15:10 - 15:50 hrs</b>	<b>1E - 06-KN</b>	<b>SICCA00251-00392</b>	<b>75</b>
Heparin-starPEG-Hydrogels to Support Regenerative Therapies Uwe <b>Freudenberg</b> , Petra B. <b>Welzel</b> , Kandice <b>Levental</b> , Andrea <b>Zieris</b> , Woranan <b>Panyanuwat</b> , Milauscha <b>Grimmer</b> , <u>Carsten Werner</u>			
<b>15:50 - 16:10 hrs</b>	<b>1E - 7</b>	<b>SICCA00126-00206</b>	<b>75</b>
Building Carbohydrates on Dioxanone Scaffold <u>Marek Majewski</u> , Izabella <b>Niewczas</b> , Nagarjuna <b>Palyam</b>			
<b>16:10 - 16:30 hrs</b>	<b>1E - 8</b>	<b>SICCA00010-00014</b>	<b>76</b>
The Oxidation of Cyclohexane and <i>n</i> -hexane with a Simple Heterogeneous Catalyst under Mild Conditions <u>Farook Adam</u> , Mohd Ibrahim <b>Rashed</b>			
<b>16:30 - 16:50 hrs</b>	<b>1E - 9</b>	<b>SICCA00175-00293</b>	<b>76</b>
New Method to Prepare Nanopalladium Clusters Immobilised on Carbon Nanotubes, a Very Efficient Catalyst for Forming the Carbon-Carbon Bonds and Hydrogenation <u>Viatcheslav Sokolov</u>			
<b>16:50 - 17:10 hrs</b>	<b>1E - 10</b>	<b>SICCA00274-00415</b>	<b>77</b>
Ph-Responsive Quantum Dots Via a Novel Protein-Polymer Coating <u>Yuzhou Wu</u> , Tanja <b>Weil</b>			

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Thursday, 17 December 2009

**Session Code: 2A**

**Date: 17 December 2009**

**Time: 09:00 - 10:20**

**Room: 301**

**09:00 - 09:40 hrs**            **2A - 01-KN**                            **SICCA00162-00261**                            **77**  
Molecular Design and Assembly Strategies towards Photofunctional Metal Complexes  
Vivian W.-W. Yam

**09:40 - 10:00 hrs**            **2A - 2**    **SICCA00218-00348**                            **78**  
Photocatalytic Aerobic Epoxidation of Alkenes under Visible Light Irradiation by an Iron(III) Porphyrin with Mg-Al Hydrotalcite Anionic Clay  
Kentaro Teramura, Kentaro **Ogura**, Takashi **Sugimoto**, Hideo **Tsuneoka**, Tetsuya **Shishido**, Tsunehiro **Tanaka**

**10:00 - 10:20 hrs**            **2A - 3**    **SICCA00183-00308**                            **78**  
From Self Assembled Coordination Polymers to Shape Controlled Nanomaterials  
Mangayarkarasi Nagarathinam, Jagadeese J. **Vittal**

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**Session Code: 2B**

**Date: 17 December 2009**

**Time: 09:00 - 10:20**

**Room: 302**

**09:00 - 09:20 hrs**            **2B - 1**    **SICCA00035-00051**                            **79**  
Electrochemical Synthesis and Electrochemical Performance of Li-Ni Alloy  
Xiaoyan **Han**, Changying **Liu**, Liangjie **Yuan**, Jutang Sun

**09:20 - 09:40 hrs**            **2B - 2**    **SICCA00163-00263**                            **80**  
Combustion Synthesis of Functionalized Oxide Material  
Maxim Kuznetsov

**09:40 - 10:20 hrs**            **2B - 03-KN**    **SICCA00235-00375**                            **80**  
Electronic and Magnetic Interactions between Redox Active Organometallics Mediated by Carbon-Silicon Hybrid Molecular Connectors  
Claude Lapinte, J. R. **Hamon**, H. **Stüger**

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**Session Code: 2C**

**Date: 17 December 2009**

**Time: 09:00 - 10:20**

**Room: 304**

**09:00 - 09:40 hrs**            **2C - 01-KN**    **SICCA00147-00243**                            **81**  
Studies on the Synthesis of Thiosugars  
Srinivasan Chandrasekaran

**09:40 - 10:00 hrs**            **2C - 2**    **SICCA00058-00094**                            **81**  
Synthesis, Characterization and Adsorption Properties of a New Ion Exchange Fiber Containing Sulfonic Groups  
Qinya **He**, Sai **Zhu**, Liang Zhao, Huiping **Li**, Yongde **Zhao**

**10:00 - 10:20 hrs**            **2C - 3**    **SICCA00150-00247**                            **82**  
Microcapsules for Self-Healing Polymeric Material  
Sonja Then, Gan Seng **Neon**, Noor Hayaty **Abu Kasim**

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**Session Code: 2D****Date: 17 December 2009****Time: 09:00 - 10:20****Room: 305**

<b>09:00 - 09:20 hrs</b>	<b>2D - 1</b>	<b>SICCA00133-00222</b>	<b>83</b>
Transesterification of Esterified Crude Palm Oil by Microwave with Dry Washing by Bleaching Earth <u>Kittiphoom Suppalakpanya</u> , Sukritthira <b>Ratanawilai</b> , Chakrit <b>Tongurai</b>			
<b>09:20 - 09:40 hrs</b>	<b>2D - 2</b>	<b>SICCA00082-00135</b>	<b>83</b>
Synthesis and Electroreduction Studies of (E)-1-[(1H-indol-3-yl)-methylene-2-(diphenylmethylene)]hydrazine <b>Sankaran Kuyam Rathinavelu</b>			
<b>09:40 - 10:00 hrs</b>	<b>2D - 3</b>	<b>SICCA00238-00378</b>	<b>83</b>
Optical Properties of Copolymers of Alternating Aromatic and Transannular Chromophores Wei-Ling <b>Wang</b> , Tanay <b>Pramanik</b> , <u>Yee-Hing Lai</u>			
<b>10:00 - 10:20 hrs</b>	<b>2D - 4</b>	<b>SICCA00174-00281</b>	<b>84</b>
Synthesis of Some Dimeric Flavonoid Compounds <b>Naresh Kumar</b> , Ruth <b>Vandana</b> , Mandar <b>Deodhar</b> , David <b>Black</b>			

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**Session Code: 2E****Date: 17 December 2009****Time: 09:00 - 10:20****Room: 306**

<b>09:00 - 09:20 hrs</b>	<b>2E - 1</b>	<b>SICCA00107-00181</b>	<b>84</b>
Selenium blue - $\alpha$ and $\beta$ ": An Organoselenium-Based Probe for Detection of Reactive Oxygen Species <u>Wei Chen</u> , Wan Pin <b>Bay</b> , Benny Kwong Huat <b>Tan</b> , Dejian <b>Huang</b>			
<b>09:20 - 09:40 hrs</b>	<b>2E - 2</b>	<b>SICCA00211-00343</b>	<b>85</b>
Modification of Direct Melt Polycondensation for Poly(lactic acid) Synthesis Using tin(II) bis-2-ethylhexanoate as Catalyst <b>Nantharat Phruksaphithak</b> , Cholticha <b>Noomhorm</b>			
<b>09:40 - 10:00 hrs</b>	<b>2E - 3</b>	<b>SICCA00190-00318</b>	<b>85</b>
Effect of Processing Parameters on the Rheological Behavior of PP/EPDM/Clay Nanocomposites <u>Ramin Khosrokhavar</u> , Gholam Reza <b>Bakhshandeh</b> , Mir Hamid Reza <b>Ghoreishy</b> , Ghasem <b>Naderi</b>			
<b>10:00 - 10:20 hrs</b>	<b>2E - 4</b>	<b>SICCA00009-00013</b>	<b>86</b>
Synthesis, Spectral and Thermal Characterization of Phthalic Acid Functionalized XAD-4 Resin <u>Syed Waliullah Shah</u> , Norazlin <b>A. Aziz</b>			

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**Session Code: 2F****Date: 17 December 2009****Time: 09:00 - 10:30****Room: 314**

<b>09:00 - 09:30 hrs</b>	<b>2F - 01-IN</b>	<b>SICCA00202-00333</b>	<b>86</b>
Preparation of Graphene by a Chemical Vapor Deposition Method and Investigation of Its Electrical Properties <u>Yunqi Liu</u> , Dacheng <b>Wei</b> , Chongan <b>Di</b> , Hongliang <b>Zhang</b> , Liping <b>Huang</b> , Gui <b>Yu</b>			
<b>09:30 - 10:00 hrs</b>	<b>2F - 02-IN</b>	<b>SICCA00188-00312</b>	<b>87</b>
Formation of Epitaxial Graphene on Silicon Substrates via a SiC Ultrathin Film <b>Maki Suemitsu</b>			
<b>10:00 - 10:30 hrs</b>	<b>2F - 03-INV</b>	<b>SICCA00209-00340</b>	<b>88</b>
Bottom-up Growth of Epitaxial Graphene on 6H-SiC(0001) and Molecular Self-assembly on Top Investigated Using LT-STM <b>Han Huang</b> , W. <b>Chen</b> , S. <b>Chen</b> , Andrew T. S. <b>Wee</b>			

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**Session Code: 3A****Date: 17 December 2009****Time: 11:00 - 11:40****Room: 301**

11:00 - 11:40 hrs      3A - 01-KN      **SICCA00161-00260**      **88**  
 Reversible Conversion between CO<sub>2</sub> and CH<sub>3</sub>OH through Six-Electron Redox Reaction Aimed to Construct a Sustainable Society  
Koji Tanaka

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**Session Code: 3B****Date: 17 December 2009****Time: 11:00 - 12:00****Room: 302**

11:00 - 11:20 hrs      3B - 1      **SICCA00073-00117**      **88**  
 Liquid Phase Synthesis of Nanoparticles  
Richard Tilley

11:20 - 11:40 hrs      3B - 2      **SICCA00124-00203**      **89**  
 Controllable Synthesis of Upconverting Nanoparticles Using Microwave Assisted Synthesis  
Hai-Qiao Wang, Thomas **Nann**

11:40 - 12:00 hrs      3B - 3      **SICCA00178-00299**      **90**  
 Preparation of Highly Active Nanosized MoS<sub>2</sub> Unsupported Catalysts for Upgrading Light Cycled Oil  
 Hongfei **Lin**, Haiping **Zhang**, Ying Zheng

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**Session Code: 3C****Date: 17 December 2009****Time: 11:00 - 11:40****Room: 304**

11:00 - 11:20 hrs      3C - 1      **SICCA00032-00108**      **90**  
 Novel Discotic Liquid Crystals Based on Triazatruxenes: Synthesis and Physical Properties  
 Jing **Luo**, Baomin **Zhao**, Jinjun **Shao**, Kheng Aik **Lim**, Hardy S. O. **Chan**, Chunyan Chi

11:20 - 11:40 hrs      3C - 2      **SICCA00044-00064**      **91**  
 Preparation and Characterisation of Biocompatible Hydrogel Films for Biomedical Applications  
 Maryam **Parviz**, Mohammad **Rabiee**, Iman Manavi Tehrani, Mitra **Aalee Aboozar**

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**Session Code: 3D****Date: 17 December 2009****Time: 11:00 - 11:40****Room: 305**

11:00 - 11:20 hrs            3D - 1                            **SICCA00036-00061**                            **91**  
Fluorine Substituted Azobenzene Destabilizes Polar-form of Optically Switchable Fulgimide Unit in the Co-polymer Systems  
Palaninathan Kannan, Chinnusamy **Saravanan**

11:20 - 11:40 hrs            3D - 2                            **SICCA00047-00066**                            **92**  
Preparation and Characterization of a Novel Charged Mosaic Membrane  
Haoqin Zhang, Jingya **Zhang**, Jindun **Liu**

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**Session Code: 3E****Date: 17 December 2009****Time: 11:00 - 11:40****Room: 306**

11:00 - 11:40 hrs            3E - 01-KN                            **SICCA00246-00386**                            **93**  
Directed Molecular Association, Folding and Macrocyclization  
Bing Gong

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**Session Code: 3F****Date: 17 December 2009****Time: 11:00 - 12:00****Room: 314**

11:00 - 11:30 hrs            3F - 01-IN                            **SICCA00204-00335**                            **93**  
Controlling Electronic and Spin States at Single Molecular Scale  
Bing Wang

11:30 - 12:00 hrs            3F - 02-IN                            **SICCA00203-00334**                            **93**  
Molecular Magnetism Studied by Spin-flip Spectroscopy with STM  
Xi Chen, Qi-Kun **Xue**

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**Session Code: 4A****Date: 17 December 2009****Time: 13:30 - 16:00****Room: 301**

13:30 - 14:00 hrs            4A - 02-IN                            **SICCA00234-00374**                            **94**  
Cyclotricatechylene - A Versatile Building Block for Supramolecular Assemblies  
Brendan F. Abrahams, Nicholas J. **FitzGerald**, Timothy A. **Hudson**, Richard **Robson**, Tom **Waters**

14:00 - 14:40 hrs            4A - 03-KN                            **SICCA00159-00258**                            **94**  
Multi-Facets of One-Dimensional Coordination Polymers  
Jagadese J. Vittal

14:40 - 15:00 hrs            4A - 4                                **SICCA00217-00347**                            **95**  
In-situ Monitoring of Nanosponge Titanium Dioxide Formation During Oxidation of Single Layer Ti and Multilayered Ti/  
Metal Thin Films Using An Optical Technique  
Yong Hwee **Yeo**, Lau **Bee Hoon**, Zuruzi Abu Samah

**15:00 - 15:20 hrs**      **4A - 5**      **SICCA00164-00287**      **95**  
 A Simple One Pot Nano Titania Mediated Green Synthesis of 2-alkylbenzimidazoles and Indazole from Aromatic Azides under UV and Solar Light

Swaminathan Meenakshisundaram, Selvam **Kaliyamoorthy**, Krishnakumar **Balu**, Velmurugan **Rengasamy**

**15:20 - 16:00 hrs**      **4A - 06-KN**      **SICCA00158-00262**      **95**  
 Macrocyclic and Supramolecular Chemistry with Poly-NHC Ligands

Ekkehardt Hahn

**Session Code: 4B**

**Date: 17 December 2009**

**Time: 13:00 - 16:00**

**Room: 302**

**13:00 - 13:30 hrs**      **4B - 01-IN**      **SICCA00253-00394**      **96**  
 Versatile luminescent Organometallic Pt(II) Systems for Bio-labeling Applications

Chi-Kin **Koo**, Michael Hon-Wah Lam, Cornelia Wing-Yin **Man**, Yun-Wah Lam **Lam**, Sai-Wah **Tsao**

**13:30 - 14:00 hrs**      **4B - 02-IN**      **SICCA00324-00467**      **99**  
 Towards the Rational Design of Platinum-Based Drugs and Biological Zinc Sensors

Zijian Guo

**14:00 - 14:20 hrs**      **4B - 3**      **SICCA00018-00079**      **100**  
 Bioinspired Molecular Manganese Clusters as Catalyst for Solar Water Oxidation

Leone Spiccia, Robin **Brimblecombe**, G. Charles **Dismukes**, Gerhard F. **Swiegers**

**14:20 - 14:40 hrs**      **4B - 4**      **SICCA00144-00239**      **101**  
 Interaction of Ruthenium and Gold derivatives of H<sub>2</sub>TMPyP<sup>4+</sup> (Ru(II)TMPyP<sup>4+</sup> and Au(III)TMPyP<sup>5+</sup>) with DNA in comparison with free-base H<sub>2</sub>TMPyP<sup>4+</sup>

Md. Ahsan Habib

**14:40 - 15:20 hrs**      **4B - 05-KN**      **SICCA00160-00259**      **101**  
 Coordination Chemistry of 1,2-Dichalcogenolato Carboranes

Guo-Xin Jin

**15:20 - 15:40 hrs**      **4B - 6**      **SICCA00229-00363**      **102**  
 Copper Radiopharmaceuticals for the Molecular Imaging of Alzheimer's Disease

Paul S. Donnelly, SinChun **Lim**, Brett M. **Paterson**, Michelle T. **Fodero-Tavoletti**, Roberto **Cappai**, Kevin J. **Barnham**, Victor L. **Villemagne**

**15:40 - 16:00 hrs**      **4B - 7**      **SICCA00026-00040**      **102**  
 Selenide/Selenolato Bridged Cluster Molecules with Paramagnetic Ions - Syntheses, Structures and Properties

Andreas Eichhoefer, Gernot **Buth**, Dieter **Fenske**, Karin **Fink**, Valeriu **Mereacre**, Richard **Mole**, Jolanta **Olkowska-Oetzel**, Annie **Powell**, Paul **Wood**, Viswanath **Raghavan**

**Session Code: 4C**

**Date: 17 December 2009**

**Time: 13:00 - 16:00**

**Room: 304**

**13:00 - 13:30 hrs**      **4C - 01-IN**      **SICCA00244-00384**      **103**  
 Polymer Supported Recyclable Metathesis Catalysts

Hassan S. Bazzi

**13:30 - 14:00 hrs**      **4C - 02-IN**      **SICCA00240-00380**      **103**  
 Multifunctional Oxide Optical Materials via the Versatile Pechini-type Sol-Gel Process: Synthesis and Characteristics

Jun Lin, Min **Yu**, Cuikun **Lin**, Xiaoming **Liu**

<b>14:00 - 14:40 hrs</b>	<b>4C - 03-KN</b>	<b>SICCA00247-00388</b>	<b>103</b>
Functionality Controlled Self Assembly of Biloproteins: Illustration & Implications J J <b>Gangwal</b> , <b>Mohan G Kulkarni</b>			
<b>14:40 - 15:00 hrs</b>	<b>4C - 4</b>	<b>SICCA00079-00130</b>	<b>104</b>
Design, Synthesis, and Binding Investigations of Fluorescent Organic Sensors for Metals and Anions Fadi <b>Jradi</b> , Farah <b>Raad</b> , Ala'a <b>EI-Ballouli</b> , Rasha <b>Mustafa</b> , Tanya <b>EI-Chami</b> , Bilal <b>Kaafarani</b> , <b>Mohammad Al-Sayah</b>			
<b>15:00 - 15:20 hrs</b>	<b>4C - 5</b>	<b>SICCA00029-00237</b>	<b>104</b>
The Synthesis of benzimidazoles with aldehyde derivatives <b>Uthumporn Kankeaw</b>			
<b>15:20 - 00:00 hrs</b>	<b>4C - 6</b>	<b>SICCA00193-00324</b>	<b>105</b>
Controlled Deposition of Metal Nanoparticles on Semiconductor Nanorod Heterostructures Sabyasachi <b>Chakraborty</b> , Guichuan <b>Xing</b> , Jie An <b>Yang</b> , Yee Min <b>Tan</b> , Tze Chien <b>Sum</b> , <b>Yin Thai Chan</b>			
<b>15:40 - 16:00 hrs</b>	<b>4C - 7</b>	<b>SICCA00277-00418</b>	<b>105</b>
Viscoelastic Behaviour of Poly (Vinylalcohol)/Fe <sup>3+</sup> Complex and Its Biomedical Application <b>Narahari Mahanta</b> , Yiwei <b>Teow</b> , Suresh <b>Valiyaveettil</b>			

**Session Code: 4D**

**Date: 17 December 2009**

**Time: 13:00 - 16:00**

**Room: 305**

<b>13:00 - 13:30 hrs</b>	<b>4D - 01-IN</b>	<b>SICCA00245-00385</b>	<b>105</b>
Colorimetric DNA Detection via Nicking Endonuclease-Assisted Nanoparticle Amplification <b>Xiaogang Liu</b>			
<b>13:30 - 14:00 hrs</b>	<b>4D - 02-IN</b>	<b>SICCA00256-00397</b>	<b>105</b>
Development of Primary Amino Acid-Based Enantioselective Organocatalytic Synthetic Methods Xiao <b>Han</b> , Qiang <b>Zhu</b> , Jacek <b>Kwiakowski</b> , Zhaoqin <b>Jiang</b> , Lili <b>Cheng</b> , Xiaoyu <b>Wu</b> , Jie <b>Luo</b> , Wen <b>Xu</b> , <b>Yixin Lu</b>			
<b>14:00 - 14:20 hrs</b>	<b>4D - 3</b>	<b>SICCA00061-00153</b>	<b>106</b>
New Hyperbranched Polymers Based on 2,4,6-tris(thiophen-2-YL)-1,3,5-triazine Unit Li <b>Zou</b> , <b>Xingguo Chen</b> , Jingui <b>Qin</b> , Jun <b>Hu</b> , Junwu <b>Chen</b>			
<b>14:20 - 14:40 hrs</b>	<b>4D - 4</b>	<b>SICCA00215-00373</b>	<b>107</b>
Poly-Ether Sulfone /Epoxy Semi-Interpenetrating Polymer Network and Their Glass Reinforced Composite's: 1. Preparation, Thermal, Mechanical and Morphological Characterization <b>Anup Kumar Patel</b>			
<b>14:40 - 15:20 hrs</b>	<b>4D - 05-KN</b>	<b>SICCA00153-00251</b>	<b>107</b>
Nanomaterials for Solar Energy Conversion <b>Thomas Nann</b> , Shu <b>Xu</b> , Saad K. <b>Ibrahim</b> , Pei-Meng <b>Woi</b> , Christopher J. <b>Pickett</b>			
<b>15:20 - 15:40 hrs</b>	<b>4D - 6</b>	<b>SICCA00086-00183</b>	<b>107</b>
Synthetic Metals-based Nanocrystalline FET Fabricated by Using the Nanoscale-electrocrystallization <b>Hiroyuki Hasegawa</b> , Kouji <b>Uematsu</b> , Akira <b>Otomo</b>			
<b>15:40 - 16:00 hrs</b>	<b>4D - 7</b>	<b>SICCA00276-00417</b>	<b>108</b>
Star Shaped Pyrene-Thiophene Derivatives: Synthesis and Property Studies <b>Jhinuk Gupta</b> , Manoj <b>Parameswaran</b> , Suresh <b>Valiyaveettil</b>			

**Session Code: 4E****Date: 17 December 2009****Time: 13:00 - 16:00****Room: 306**

<b>13:00 - 13:30 hrs</b>	<b>4E - 01-IN</b>	<b>SICCA00249-00390</b>	<b>108</b>
Cyclodextrin-assisted Synthesis of Water-dispersible Pylaniline Nanofibers by Controlling Secondary Growth <u>Hardy Chan</u>			
<b>13:30 - 14:00 hrs</b>	<b>4E - 02-IN</b>	<b>SICCA00263-00406</b>	<b>109</b>
Charge-Transfer Reinforced Folding in Novel Ionenes <u>S. Ramakrishnan</u>			
<b>14:00 - 14:20 hrs</b>	<b>4E - 3</b>	<b>SICCA00071-00115</b>	<b>109</b>
New Soluble and Stable Near Infrared Dyes <u>Jishan Wu</u>			
<b>14:20 - 14:40 hrs</b>	<b>4E - 4</b>	<b>SICCA00192-00323</b>	<b>110</b>
Self Assembly and Encapsulation Studies of <i>p</i> -Phosphonic Acid Calix[4]arenes <u>Adam Martin</u>			
<b>14:40 - 15:00 hrs</b>	<b>4E - 5</b>	<b>SICCA00030-00044</b>	<b>110</b>
The Design of New Bicyclo[3.3.0]octane Lattice Inclusion Hosts and Cocrystal Partner Molecules <u>Roger Bishop</u> , Mohan <b>Bhadbhade</b> , Isa <b>Chan</b>			
<b>15:00 - 15:20 hrs</b>	<b>4E - 6</b>	<b>SICCA00125-00204</b>	<b>111</b>
Natural Triterpenoids as Renewable Nano-sized Building Blocks: Current Status and Future Prospect <u>Braja Gopal Bag</u> , Shaishab K. <b>Dinda</b> , Partha P. <b>Dey</b> , Chhabi <b>Garai</b> , Rohit <b>Roy</b> , Rakhi <b>Majumdar</b>			
<b>15:20 - 16:00 hrs</b>	<b>4E - 07-KN</b>	<b>SICCA00146-00242</b>	<b>112</b>
Nanotechnology and Its Applications in Biomaterials, Pharmaceuticals Synthesis and Energy <u>Jackie Y. Ying</u>			

**Session Code: 4F****Date: 17 December 2009****Time: 13:00 - 16:00****Room: 314**

<b>13:00 - 13:30 hrs</b>	<b>4F - 01-IN</b>	<b>SICCA00201-00332</b>	<b>112</b>
Heterojunction between Crystalline Organic Semiconductors <u>Donghang Yan</u>			
<b>13:30 - 14:00 hrs</b>	<b>4F - 02-IN</b>	<b>SICCA00210-00341</b>	<b>112</b>
Efficient White Organic Light-emitting Diodes with Nearly 100% Internal Quantum Efficiency <u>Dongge Ma</u> , Qi <b>Wang</b> , Zhiqiang <b>Zhang</b>			
<b>14:00 - 14:30 hrs</b>	<b>4F - 03-IN</b>	<b>SICCA00205-00336</b>	<b>114</b>
Micro- & Nanometer Sized Organic Semiconductor Single Crystals: Growth, Characterization and Device Application <u>Wenping Hu</u> , Qingxin <b>Tang</b> , Yunqi <b>Liu</b> , Daoben <b>Zhu</b>			
<b>14:30 - 15:00 hrs</b>	<b>4F - 04-IN</b>	<b>SICCA00206-00337</b>	<b>114</b>
Photoelectron Spectroscopy of Molecular Assembly: Bridging Electronic Structure and Hole Transport Property <u>Satoshi Kera</u>			
<b>15:00 - 15:30 hrs</b>	<b>4F - 05-IN</b>	<b>SICCA00208-00339</b>	<b>115</b>
Fabrication and Application of Plasmonic Silver Nanosheet <u>Kaoru Tamada</u> , Mana <b>Toma</b> , Koji <b>Toma</b> , Koichi <b>Okamoto</b>			

15:30 - 16:00 hrs      4F - 06-IN      SICCA00207-00338      115  
First-principles Studies on Graphene Oxide  
Zhenyu Li, Wenhua **Zhang**, Yi **Luo**, Jinlong **Yang**

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**Session Code: 5A**

**Date:** 17 December 2009

**Time:** 16:40 - 17:40

**Room:** 301

16:40 - 17:20 hrs      5A - 01-KN      SICCA00157-00255      116  
New nanosized Transition Metal Clusters. Synthesis, Structures and Properties  
Dieter Fenske

17:20 - 17:40 hrs      5A - 2      SICCA00040-00060      116  
Preparation and Electrochemical Characterization of Spherical  $\text{LiNi}_{1/3}\text{Co}_{1/3}\text{Mn}_{1/3}\text{O}_2$  Single Crystal Cathode Material for Li Ion Batteries  
Xiaoyan Han, Liangjie **Yuan**, Jutang **Sun**

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**Session Code: 5B**

**Date:** 17 December 2009

**Time:** 16:40 - 18:00

**Room:** 302

16:40 - 17:00 hrs      5B - 1      SICCA00081-00168      117  
Synthesis, Structure and Biological Activities of some Diorganotin Schiff Bases Complexes  
See Mun Lee, Hapipah **Mohd Ali**, Kong Mun **Lo**

17:00 - 17:20 hrs      5B - 2      SICCA00020-00032      117  
Determination of Arsenic Contamination in Ground Water of Khairpur City, Sindh, Pakistan and its Implication for Health Effect  
Mushtaque Ali, M. Q. **Mazari**

17:20 - 18:00 hrs      5B - 03-KN      SICCA00254-00395      117  
Inorganic-Organic Composite Film for Rewritable Optical Storage  
Chunhua Yan

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**Session Code: 5C**

**Date:** 17 December 2009

**Time:** 16:40 - 18:00

**Room:** 304

16:40 - 17:00 hrs      5C - 1      SICCA00038-00058      118  
Phase Separation Assisted Dispersion of Multiwall Carbon Nanotubes in Controlling the Morphology of LCST Blends  
Suryasarathi Bose, Jan **Vermant**, Paula **Moldenaers**

17:00 - 17:20 hrs      5C - 2      SICCA00085-00141      119  
A Study on the Suitability of Electrospun Sulphonated Poly Ether Ether Ketone Nano Fiber/Nano Hydroxyapatite Composite for Fuel Cells  
Guhan Srinivasan, Sangeetha **Dharmalingam**

17:20 - 17:40 hrs      5C - 3      SICCA00233-00369      119  
Morphology and Properties of Plasticized PVC Nanocomposites  
Mohsen Mohsen-Nia, Mahdi **Moghri**, Narges **Nobakhat**

17:40 - 18:00 hrs      5C - 4      SICCA00272-00414      120  
 Synthesis and Optical Properties of Symmetrically and Unsymmetrically 4,7,12,15-Tetrasubstituted[2.2]Paracyclophanes  
Guan Wang, Limin Ye, Yee Hing Lai

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**Session Code: 5D**

**Date:** 17 December 2009

**Time:** 16:40 - 18:00

**Room:** 305

16:40 - 17:00 hrs      5D - 1      SICCA00037-00055      120  
 Preparation of Nanosized Metal Nickel and Pyrolyzing Reaction Mechanism of Nickel Oxalate in Oneself Ambience  
Liangjie Yuan, Changying Liu, Xiaoyan Han, Jutang Sun

17:00 - 17:20 hrs      5D - 2      SICCA00106-00175      121  
 Iron Dithiocarbamates Functionalized CdSe-ZnS Quantum Dots for Selective Sensing of Nitric Oxide by Fluorescence Turn-On  
Suhua Wang, Ming-Yong Han, Dejian Huang

17:20 - 17:40 hrs      5D - 3      SICCA00179-00301      121  
 Preparation of 1-(3,4-Dimethoxyphenyl)-2-Propanone by Epoxide Ring Opening Starting from Eugenol  
Chairil Anwar

17:40 - 18:00 hrs      5D - 4      SICCA00271-00413      122  
 Guanidine And Guanidinium Salt Catalyzed Enantioselective Phosphorus - Carbonyl Formation Reactions  
Xiao Fu, Choon-Hong Tan

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**Session Code: 5E**

**Date:** 17 December 2009

**Time:** 16:40 - 17:40

**Room:** 306

16:40 - 17:00 hrs      5E - 1      SICCA00051-00126      122  
 Effect of Several Structural-chemical Modifications in Performance Dye Sensitized Solar Cell  
Hamed Farzin, Mohamad Ali Zanjanchi, Seyyed Mohamad Rozati

17:00 - 17:20 hrs      5E - 2      SICCA00219-00371      122  
 Study the Effects of Different Parameters on Fusion Characteristics of Plasticized PVC Nanocomposites  
Mehdi Moghri, N. Nobakht, M. Mohsen Nia

17:20 - 17:40 hrs      5E - 3      SICCA00148-00244      123  
 Synthesis and Characterization of New Analogue of 1,2,4- Triazole Moiety with BHT and its Schiff Bases Potential Antioxidant  
Wageeh A. Yehey, Azhar Ariffin, Noorsaadah Abdul Rahman

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**Session Code: 5F**

**Date:** 17 December 2009

**Time:** 16:40 - 17:20

**Room:** 314

16:40 - 17:00 hrs      5F - 1      SICCA00136-00227      124  
 Nanowire Crystals of a Rigid Rod Conjugated Polymer and its Field-effect Transistors  
Huanli Dong, Wenping Hu, Yunqi Liu, Daoben Zhu

17:00 - 17:20 hrs      5F - 2      SICCA00264-00407      124  
 Self-Assembly of Dipolar Phthalocyanine Molecules on Surfaces  
Tian Chao Niu, Yu Li Huang, Rui Wang, Wei Chen

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## Friday, 18 December 2009

### Session Code: 6A

Date: 18 December 2009

Time: 14:00 - 16:20

Room: 301

- 14:00 - 14:30 hrs      6A - 01-IN      SICCA00258-00400      125  
Construction of Heterometallic Aggregates Based on Thiol-Containing Amino Acids  
Takumi Konno
- 14:30 - 15:00 hrs      6A - 02-IN      SICCA00257-00399      125  
Determination Of Ligand Donor Strengths On A Unified <sup>13</sup>C Nmr Scale  
Han Vinh Huynh
- 15:00 - 15:20 hrs      6A - 3      SICCA00113-00188      126  
Template Trapping of Elusive Cyclic Water Heptamers and Acyclic Water Helicate, (H<sub>2</sub>O)<sub>7</sub> Hosted by the Diamondoid Metal-Organic Frameworks  
Mohammad Hedayetullah Mir, Jagadese J Vittal
- 15:20 - 15:40 hrs      6A - 4      SICCA00084-00138      126  
SiO<sub>2</sub> supported Vanadium Phosphate Catalysts: Synthesis and Characterisation  
Loong Kong Leong, Pei Xuan Loh
- 15:40 - 16:00 hrs      6A - 5      SICCA00042-00084      127  
Evaluation of Different Methods to Prepare the Fe<sub>2</sub>O<sub>3</sub>/MoO<sub>3</sub> Catalyst used for Selective Oxidation of Methanol to Formaldehyde  
Karim H. Hassan, Philip C.H. Mitchell
- 16:00 - 16:20 hrs      6A - 6      SICCA00103-00172      127  
Hydroethidine as a Fluorescent Probe in Quantifying Pro-oxidant Activity of Flavonols  
Yi Ling Quek, Wenie Chin, Jingjing Ling, Yifan Wang, Tianhu Li, Dejian Huang
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### Session Code: 6B

Date: 18 December 2009

Time: 14:00 - 15:00

Room: 302

- 14:00 - 14:20 hrs      6B - 1      SICCA00131-00223      128  
Immobilized Whole Cells as Effective Catalyst for Chiral Alcohol Production  
Jeck Fei Ng, Stephan Jaenicke
- 14:20 - 14:40 hrs      6B - 2      SICCA00132-00221      129  
A Catalytic Spectrophotometric Method for the Determination of Mercury in Environmental and Pharmaceutical Samples Using Phloroglucinol  
Prachi Parmar, Ajai Kumar Pillai, Vinay Kumar Gupta
- 14:40 - 15:00 hrs      6B - 3      SICCA00261-00405      129  
Synthesis And Structure Resolution Of The First Tri-Continuous Mesoporous Silica Ibn-9  
Yu Han
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**Session Code: 6C****Date: 18 December 2009****Time: 14:00 - 16:10****Room: 305**

- 14:00 - 14:40 hrs**      **6C - 01-KN**      **SICCA00241-00381**      **129**  
 Surprising Discovery of Base-Free Phase-Transfer Reactions  
Keiji Maruoka
- 14:40 - 15:10 hrs**      **6C - 02-IN**      **SICCA00321-00464**      **130**  
 Tumor-Avid Nanomaterials: From Basic Discovery To Clinical Translation  
Kannan Raghuraman
- 15:10 - 15:30 hrs**      **6C - 3**      **SICCA00031-00086**      **131**  
 Orthogonal Experimental Design Analysis about the Preparation of a kind of Fibrous Material based on Polyacrylonitrile Fibers  
 Xiaozhuan **Zhang**, Liang Zhao, Zuohua **Huang**, Zhenbang **Tian**, Dong **Zhao**, Weiqing **Huang**, Baofeng **Sha**
- 15:30 - 15:50 hrs**      **6C - 4**      **SICCA00052-00077**      **131**  
 Gold-Catalysed Reactions with Cyclopropenes  
Ai-Lan Lee
- 15:50 - 16:10 hrs**      **6C - 5**      **SICCA00050-00069**      **132**  
 An Attempt to Modify Nonlinear Optical Effects of Polymers by Adjusting the Structure of the Chromophore Moieties with Suitable Isolation Groups at Molecular Level  
Zhen Li, Cheng **Ye**, Jingui **Qin**
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**Session Code: 6D****Date: 18 December 2009****Time: 14:00 - 16:10****Room: 306**

- 14:00 - 14:30 hrs**      **6D - 01-IN**      **SICCA00323-00468**      **132**  
 Green Chemistry Approach to Synthesis Heterocyclic and polymeric Compounds  
 P. T. **Perumal**, S. Sundarajan, S. **Ramakrishna**
- 14:30 - 14:50 hrs**      **6D - 2**      **SICCA00141-00412**      **133**  
 Toward Synthetic Ion Channels With Tunable Interior Properties  
Huaqiang Zeng
- 14:50 - 15:10 hrs**      **6D - 3**      **SICCA00279-00420**      **133**  
 Organic Synthesis In Green Chemistry  
Hongjun Liu, Choon-Hong **Tan**
- 15:10 - 15:30 hrs**      **6D - 4**      **SICCA00280-00421**      **134**  
 Enantioselective Protonation Catalyzed by a Chiral Bicyclic Guanidine Derivative  
Dasheng Leow, Choon-Hong **Tan**
- 15:30 - 15:50 hrs**      **6D - 5**      **SICCA00054-00102**      **134**  
 Grafting of  $\beta$ -Cyclodextrins onto Polyacrylonitrile (PAN) Fiber Pretreated by Hydrazine  
Xiangyu Shen, Dong **Zhao**, Liang **Zhao**, Chengshen **Zhu**, Suqin **He**
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Elamathi Swaminathan, Aravind Bhat **Kalambettu**, Purushothaman **Muthukrishnan**, Sangeetha **Dharmalingam**
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**Session Code: 6E****Date: 18 December 2009****Time: 14:00 - 15:20****Room: 314**

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Writing a Report or Paper, and Write it Well!  
Andy Hor

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Subramaniam Ramanathan

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Adrian M. Lee

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Time: 17:10 - 18:10

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