

POSTER INFORMATION

Posters to be set-up between 08:00 – 9:00 each day

Posters to be removed between and 17:45 – 18:00 hours each day

Posters in place each day from 8:00 – 17:45 hours

Authors in Attendance 10:30 – 11:00 hours and 16:30 – 18:00 hours

Abstracts for poster presentations are on the CD Rom contained in the delegate pack.

Poster #: 1-88 are located in the Beckett Theatre; 89-145 are located in the Lower Concourse; 146-200 are located in the Upper Concourse

Poster # suffix:-

M: posters to be displayed on Monday

TU: posters to be displayed on Tuesday

W: posters to be displayed on Wednesday

TH: posters to be displayed on Thursday

Examples: 1-M is poster board no. 1 on Monday, 139-TH is poster board no. 139 on Thursday

ORGANIC CONDUCTORS & SUPERCONDUCTORS PI

POSTER # & ABSTRACT # ON CD ROM	TITLE	PRESENTER
1-M	Nonlinear electric conduction in the charge ordering phase of $(\text{TMTTF})_2\text{SbF}_6$	M. Nagasawa
2-M	Temperature-dependent competition between charge-ordering and spin-Peierls transition in $(\text{TMTTF})_2\text{X}$: the role of quantum phonons	S. Mazumdar
3-M	Syntheses and Properties of Tetrakis- and Pentakis-Fused TTF-Type Donors	Yohji MISAKI
4-M	STS on Partially deuterated k -(BEDT-TTF) $_2\text{Cu}[\text{N}(\text{CN})_2]\text{Br}$	Koichi Ichimura
5-M	Observation of Spin-Peierls Modulation in $(\text{TMTTF})_2\text{AsF}_6$ by Synchrotron Radiation	T. Ito
6-M	Magnetic Study of the Electronic States in b'' -(BEDT-TTF)(TCNQ)	Takumi Kihara
7-M	A new BEDT-TTF charge-transfer salt containing both α and β donor packing in the same lattice	Lee Martin
8-M	Low Temperature Structural Study of k -(BEDT-TTF) $_2\text{Cu}(\text{NCS})_2$	Yoshio Nogami
9-M	New radical salts based on BEDT-TTF and BEDT-TSeF with the polyanion $[\text{SMo}_{12}\text{O}_{40}]^{n-}$	Simona Curreli
10-M	Spontaneous Metallic Film Formation Of Bis(Ethylenedioxy)Tetraselenafulvalene (BEDO-TSEF) And Fatty Acid System	Hitoshi Ohnuki
11-M	Uniaxial Pressure Effect on Superconductivity of β -(BDA-TTF) $_2\text{I}_3$	T. Isono
12-M	Mechanism of Superconductivity in Quasi-Two-Dimensional Organic Conductor α -BEDT-TTF salt	Akito Kobayashi
13-M	Charge-Ordered vs. Zero-Gap Semiconducting States of α -(BEDT-TTF) $_2\text{I}_3$	Yoshiki Takano+D48
14-M	Low Temperature Structural Study of k -(BEDT-TTF) $_2\text{Cu}(\text{NCS})_2$	Yoshio Nogami
15-M	Novel ET salt with Unusual Stoichiometry : $\text{ET}_3(\text{Br}_3)_5$	Hiromi Minemawari

16-M	Metal-insulator transition on (DCI-DCNQI) ₂ Ag studied by ³⁵ , ³⁷ Cl-NQR and ¹³ C-NMR	Ryo Chiba
17-M	An Incommensurate Organic Superconductor at T _c = 6.2 K; (MDT-TS)I _x Br _y	Yoshimasa Bando
18-M	TTF Based Charge Transfer Salts With Transition Metal Complex Anions [Cr(L) _n (NCS) ₄]- (L = isoq, phen, 2-pico)	Masamichi Umemiya
19-M	The effect of delocalisation on the exchange energy in meta- and para-linked Pt-containing carbazole polymers and monomers	Ning Zhang
20-M	Structure and Physical Properties of TTF-Squaric Acid Derivatives	Akira Miyazaki
21-M	Charge Ordering in q-(BEDT-TTF) ₂ RbZn(SCN) ₄ : Cooperative Effects of Electron Correlations and Lattice Distortions	Satoshi Miyashita
22-M	Conformational Changes in BEDT-TTF	B. J. Powell
23-M	Low Temperature Fermi Surface of b''-(BEDT-TTF) ₂ CsCd(SCN) ₄	M. Kimata
24-M	Infrared and Raman Studies of Charge-Order in Quasi-1D (TMTTF) ₂ X Salts	Michael Dumm
25-M	Quantum Critical Behavior in the Quasi 2D Conductor, k-(MeDH-TTP) ₂ AsF ₆	Kensuke Kobayashi
26-M	Charge Localized State in (TMTTF) ₂ Br: ¹³ C NMR	K. Nomura
27-M	Insulating State of a Superconducting DODHT Salt under Pressure	Hiroyuki Nishikawa
28-M	Transport Properties and Phase Transition of a Novel Two-Dimensional Organic Conductor (DOET) ₂ Au(CN) ₂	Harukazu Yoshino
29-M	Polymorphism and High Temperature Solid State Reactions in Molecular Conductors (BEDT-TTF) ₂ Br _x I _y Cl _{3-x-y}	Laukhina, E.

FULLERENES, CARBON NANOTUBES & RELATED NANOSTRUCTURES PI

POSTER # & ABSTRACT # ON CD ROM	TITLE	PRESENTER
30-M	Effective Low Temperature Encapsulation Of Fullerene Derivatives In Single Wall Carbon Nanotubes	Abdou Hassanien
31-M	Atomic-Molecular Superlattices	Andrew A. R. Watt
32-M	Carbon Nanotube Reinforcement Of Ceramic Materials	C. Kufazvinei
33-M	Modelling The Effect Of Randomly Dispersed Doping Agents In Carbon Nanotubes	C. G. Rocha
34-M	Electronic Properties of Nanotubes in Contact with Magnetic Impurities	David Kirwan
35-M	Intramolecular Electronic Interactions On Soluble Carbon Nanotubes/Semiconductor Nanoparticles Ensembles	Grigoris Mountrichas
36-M	Simple Separation of Semiconducting Single-Walled Carbon Nanotube (SWNT) using Surface Functionalization and Column Chromatography	Jae Hee Song
37-M	Ab initio study of the endohedral fullerene isomers N@C ₆₀ and C@C ₅₉ N	M. C. dos Santos
38-M	Electrical Properties Of Carbon Nanotubes Filled With Iron And Iron Oxide: Device Application	Carlos Cava

39-M	p-Electron Delocalization in Carbon Linear Chains	M. Tommasini
40-M	Microwave Purification Of Multiwall Carbon Nanotubes	Diana Sannino
41-M	Molecular Hybrid Systems Containing Carbon Nanotubes And Polythiophene Derivatives	Rafał Pokrop
42-M	Composite Architectures Fabricated From Nanotubes And Polymers For Coatings Applications.	Seamus Curran
43-M	Giant Magnetoresistance of Nickel-contacted Carbon Nanotubes	Stavros Athanasopoulos
44-M	Exciton Effects in Boron-Nitride Nanotubes: Theoretical Study	Kikuo Harigaya
45-M	Structural Study on Three $Tm_2@C_{82}$ Isomers	Koichi Sakaguchi
46-M	Fabrication of Nanoscale Periodic Porous Carbon with Various Pore Sizes and Its Field Emission Characteristics	M. Ojima
48-M	Structure of the LB Films of a Fullerene Linked Low-Molecular-Weight Organogenerator	Ryo Tsunashima
49-M	Role Of Topography On Hydrophobicity	S. Santucci
50-M	Hall Effect and Magnetoresistance of $SOCl_2$ treated Carbon Nanotube Films	Seung Hyun Lee
51-M	Effect Of Solvents On The Bundle Dissociation Of Single-Wall Carbon Nanotubes	Shane D Bergin
52-M	Theoretical Studies on the Mechanism of Ferromagnetism in $Rh-C_{60}$	Y. Kitagawa
53-M	Theoretical Study On Double-Atom Molecular Insertion In Different Dimensional Single-Walled Carbon Nanotubes	Xiumei Pan
54-M	Characterisation Studies of Carbon Nanoscrolls	Sharali Malik
55-M	Analysis of Giant Random Telegraph Signals in Semiconducting Single-walled Carbon Nanotubes	SungHo Jhang

ELECTROCHEMICAL APPLICATIONS, ACTUATORS & SENSORS PI

POSTER # & ABSTRACT # ON CD ROM	TITLE	PRESENTER
56-M	Autonomous Sensing using Trilayer Polypyrrole Actuators	Ciarán Smyth
57-M	Selective Determination Of Dopamine In Ascorbic Acid Using A Novel Electrochemical Sensor	Claire C. Harley
58-M	Polymer Actuators Synthesized Under A High Transverse Electric Field	D.M.G. Preethichandra
59-M	Electrochemically Synthesis and Characterization of Conducting Copolymer	Elif Sahin
60-M	A New Conducting Copolymer : 1-Phenyl-2,5-di(2-thienyl)-1H-pyrrole-co-EDOT and its Electrochromic Properties	Ertugrul Sahmetlioglu
61-M	Electrochemically Polymerized Thiophenes with Covalently Bound Ion-recognition Sites and Charge-compensating Ions	Fredrik Sundfors
62-M	Electrically Driven PEDOT/PSS Paper Actuator	Hiroki Suzuki
63-M	New Electrochemical Aspects of Novel Phenothiazine Derivatives	Jadwiga Sołoducho
64-M	Improving Optical And Electrochemical Performance In Dual Conjugated Polymer Electrochromic Devices	J. Padilla

65-M	Tubular Linear Actuators Using Conducting Polymer, Polypyrrole	K.Yamato
66-M	Synthesis And Characterization Of A New Soluble Conducting Polymer And Its Electrochromic Devices	Levent Toppare
67-M	Optical Absorption Studies On Polypyrrole/Dodecyl Benzene Sulphonate Films Prepared And Cycled At Different Conditions	M.A. Careem
68-M	Electrochemical Organic Transistors On The Micrometer Scale Patterned With Soft Lithography	Mahiar Hamedi
69-M	Electrochromic Properties Of A Novel Polythiophene Derivative	Metin Ak
70-M	A Self-Organized Bending-Beam Electrochemical Actuator	Mitsuyoshi Onoda
71-M	New Amplification Strategy for Electrochemical Detection of DNA Hybridisation Signal using Ferrocene-Functionalized Polymers	Harding Lepage, P.
72-M	Carbon Nanotube-Polymer Composite As A Flexible Transparent Conductor	Robert Murphy
73-M	Biomimetic Soft Pumps Based On Electromechanical Actuators	Sonia Ramírez-García
74-M	Design Of All Polymer Micropump From The Conductive Polymer Poly(3,4 Ethylenedioxythiophene)	Thomas Steen Hansen
75-M	Optical Flow Analysis Methods for pH Measurements with Water Dispersions of Polyaniline Nanoparticles	Tom Lindfors
76-M	New Type Solid Polymer Electrolyte And Actuator Based On PEDOT/NBR/Ionic Liquid	Y. Lee
77-M	A Fully Organic Sensor Based On Polyaniline	Joerg Posdorfer
78-M	Electron Transfer in Redox Cascades based on Triarylamine Redox Centres	M. Holzapfel
79-M	Fluorene-Pyridines As Stimuli-Responsive Electroactive Materials	Stephan Horner
80-M	Fluorescence Quenching of Poly(3-octylthiophene) upon Electrochemical Doping	T. Danno
81-M	Field Induced Charges In Organic Semiconductor Using Liquid As Gate Dielectric	W.Takashima

ENERGY STORAGE & CONVERSION MATERIALS PI

POSTER # & ABSTRACT # ON CD ROM	TITLE	PRESENTER
82-M	Integrated Approach To Study Very Low Absorption Coefficients Of Thin Film, Organic D/A Blends For Next Generation Solar Cells	Koen Vandewal
83-M	Electronic structure of CuPc-C ₆₀ co-evaporated films	S. Santucci
84-M	Polythiophene Based Photovoltaic Devices	Lucimara Stolz Roman.
85-M	Temperature Dependent Built-In Potential In Organic Semiconductor Devices	M. Kemerink
86-M	Quantum efficiency versus charge carriers mobility in planar P3HT based photodetectors	M.Caironi
87-M	Application of Conjugated Polymers in Electrochemical Supercapacitors	Merve Ertas

88-M	Hydrogen Absorption Properties of CuPd Nanoparticles	Miho Yamauchi
89-M	Singlet Exciton Diffusion in Poly(3-hexylthiophene) and Dissociation at a TiO ₂ Interface	Paul Shaw
90-M	Dendrimers for Organic Photovoltaics	Peter Deakin
91-M	Random And Alternated Carbazole-Based Copolymers Associated With C60 Or Perylene Derivatives For P/N Bulk Heterojunction.	Pierre-Henri Aubert
92-M	Enhanced Intersystem Crossing In Oligothiophene:Fullerene Blends	R. Schüppel
93-M	Optical Absorption And Scattering In Blends Of Meh-Ppv And Electronic Acceptors With Ground-State Interaction	S.G. Elizarov
94-M	Ab initio Calculation of the Binding Energy of a H ₂ Molecule on Molecular Models of Li-doped Polyacetylene	Shigeru Ishikawa
95-M	Ageing Of Organic Solar Cells: Photo-Degradation Of MDMO-PPV/PCBM Blends	S. Chambon
96-M	Syntheses of Ordered Titania Nanorod and P3HT Film as Solar Cell Material	Sze-Ming Yang
97-M	The Characterisation of N-Functionalised poly(dithieno[3,2-b:2',3'-d]pyrrole)s in Ternary Blend Bulk Heterojunction Structured Organic Electronic Devices.	Warwick J Belcher
98-M	Effect of poly(3-hexylthiophene) molecular weight on charge transport and photovoltaic performance of polymer/PCBM bulk heterojunction solar cells.	Amy M. Ballantyne
99-M	Dye Sensitized Solar Cells Using Polyaniline Copolymers As Sensitizers	Ana F. Nogueira
100-M	Efficient photosensitization of C60 microcrystals with II-VI and III-V semiconductor nanocrystals	Andreas Biebersdorf

MOLECULAR, POLYMER & NANO-ELECTRONICS PI

POSTER # & ABSTRACT # ON CD ROM	TITLE	PRESENTER
101-M	Photoinduced Charge Transfer and Efficient Energy Conversion in a Blend of a Low Bandgap Polyfluorene Copolymer and CdSe Nanoparticles	Agnese Abrusci
102-M	Current-Induced Chemistry In Molecular Junctions	Anna Painelli
103-M	Monolayers Based On Oligothiophenes: Effect Of The Mode Of Fixation On The Properties And Functionalization	P. Blanchard
104-M	Electron Mobility And Contact Resistance Of An N-Type Organic Thin-Film Transistor	Changhee Lee
105-M	Bloch Oscillations In A One-Dimensional Conducting Polymer	D. S. Liu
106-M	Extensional Rheofluorescence of MEHPPV	Dave E. Dunstan
107-M	Quantum Dot Manipulation In A Single-Walled Carbon Nanotube Using A Carbon Nanotube Gate	Dong Su Lee
108-M	Decreasing The Hole Injection Barrier From Au Into Organic Semiconductors By UV/Ozone Treatment.	Egbert Zojer
109-M	Bipolaron And Soliton Assisted Charge Transport In A Polymer Chain	J. H. Wei

110-M	Initial Growth Of Phthalocyanine Molecules On Rough Substrates: Study Of The Change Of The Molecular Orientation	H. Peisert
111-M	Theoretical Study on the Polarizabilities of Molecules in Solution by the Real- Space Quantum Mechanical / Molecular Mechanical Approach	Hideaki Takahashi
112-M	Patterning of Perylenetetracarboxylic Diimide Film by Electro- or Photo-Crosslinking of Pyrrole Substituents	Hoosung Lee
113-M	Poor Hole Transport from Au to Phthalocyanine and Its Improvement by an Interface Modification	Ichiro Hiromitsu
114-M	Molecular And Electronic Structures Of Aromatic And Quinoidal S,S'-Dioxide Terthiophenes. Complementary Systems For Organic Electronic Materials	María Moreno Oliva
115-M	Spectroscopy of Intermediate Terthiophene Radical Cations Generated by Photochemical and Chemical Oxidation.	Keith C. Gordon
116-M	Colossal Dielectric Constant In Partially Doped Poly(3-Methylthiophene) Pellets	L.A. Baring
117-M	Real-time Investigation of Elementary Steps for Photo-induced Phase Transition in a Model Dimer	L. Lüer
118-M	Characterization of Poly(o-Methoxyaniline) Layer-By-Layer Films by High-Resolution VUV Photo-Absorption	M. Raposo
119-M	Photoexcitation Dynamics In Long Chain Polyenes	M.R. Antognazza
120-M	Tailoring the Interface between Quantum Dots and Polymer in Organic Devices	M. Soreni-Harari
121-M	Dynamics Of Solitons In Polyacetylene As Particle Machine	José Rildo de Oliveira Queiroz

MOLECULAR MAGNETS & SPINTRONICS P I

POSTER # & ABSTRACT # ON CD ROM	TITLE	PRESENTER
122-M	Application of polythiophene in organic spintronic devices	Sayani Majumdar
123-M	An Analytical formula expressing Out-of-Plane Resistance of Quasi-One and -Two-Dimensional Layered Metals under Transverse Magnetic Fields	Shigeharu Sugawara
124-M	Synthesis Of A New Ligand Derived From BEDT-TTF Bearing A Pyridine Group.	Jean Olivier
125-M	Magneto-structural correlation in the organic radical, 5-carboxy-2-thienyl nitronyl nitroxide (2-CATNN)	Tadashi Sugano
126-M	Spin Dynamics in Strongly Correlated Electron-spin System of Single-Molecule Magnets	Guangcun Shan
127-M	Functional Ionic Liquids Based on Imidazolium Cations; Magnetic and Luminescence Properties	Yukihiro Yoshida
128-M	F ₄ TCNQ complexes with magnetic transition metal ions including Fe ³⁺ and Cu ²⁺	Akira Ota
129-M	Synthesis of TTF-BisCNBipy and its Fe(II) and Fe(III) complexes	Benbellat Noura

130-M	Crystal Structures and magnetic properties of Reduced Polyoxometalate-Supramolecular Cation Complexes	Daigoro Endo
131-M	Structural and Magnetic Characterization of Novel $RR'(BzPy)[Ni(4-py-edt)_2]$ L= 4-pyridyl-1,2-ethylenedithiolate	S. Rabaça
132-M	A Molecular System as an Ideal $S=1/2$ Heisenberg Magnetic Chain	Francis Pratt
133-M	Spin Dynamics in Strongly Correlated Electron-spin System of Single-Molecule Magnets	Guangcun Shan
134-M	High-Spin Radical Cations of Alternating Poly(<i>m-p</i> -anilines)	I. Kulszewicz-Bajer
136-M	Static And Dynamical Anomalies Caused By Global Spin Chirality In Molecular-Based Chiral Magnets	Jun-Ichiro Kishine
	Inherently Conductive Polymers P I	
137-M	Magnetotransport in Doped PEDOT Films	K.G. Padmalekha
138-M	Electronic conductivity of PEDT	Keld West
139-M	Polypyrrole/palladium-composites for electrocatalyzed Heck reaction	K.-M. Mangold
140-M	Spin Crossover In Polyaniline	Kulikov A.V
141-M	Synthesis and Morphologies of Water Soluble Poly(3-hexylthiophene)-graft-poly(4-styrenesulfonate) Comb-like Copolymer	Yi-Ming Chang
142-M	Characterization Of Microwave Absorbers Prepared By Impregnation Of PAN Flexible Substrates With Polyaniline/Polyamic Acid Blends	L.C. Folgueras
143-M	Sensing Behavior In MIS Diode Structure Under Methane Atmosphere	Milton Campos
144-M	Polymerization Of Aniline On Polyaniline Membrane	N.V. Blinova
145-M	Structural Interpretation of the Raman Spectrum of Polypyrrole	Nicholas A.Vigar
146-M	Characterization of α,ω -dihexylsexithiophene-based OTFTs prepared by the spin coating method	Jong-Ho Choi
147-M	Insulator-Metal Transition in Plasticized Polyaniline	P. Fedorko
148-M	Enhanced Chain Organization In Conducting Polymers By Solvent Interactions: Small-Angle X-Ray Scattering Study	Reghu Menon
149-M	Blends of Polyaniline and Polyurethane with High Electrical and Dielectric Properties	R. S. Biscaro
150-M	Dynamics of the quasiordered structure in the regioregulated π -conjugated polymer poly(4-methylthiazole-2,5-diyl)	Seiichiro Mori
151-M	Visualization of the Local Electronic States in Quasi-One-Dimensional Halogen-Bridged Ni-Pd Mixed Metal Compounds by STM.	Shinya Takaishi
152-M	Conformational Control of Optically Active Polythiophenes	Yoshinori Ozumi
153-M	Synthesis of Conjugated-carbohydrate block copolymer by Atom Transfer Radical Polymerization (ATRP)	Yunyun Wang
154-M	Charge Transport in Polymer Nanostructures	A. N. Aleshin
155-M	Functional and Processable Conducting Polymers Based On Poly(3,4-Propylenedioxythiophene)s	Anil Kumar
156-M	Systematic control of the electronic state in new two-legged MX-ladder complexes $[(PtBr-dien)_2bpy]_2Y_4$	Atsushi Kobayashi
157-M	Application of Polypyrrole Films in the Development of a Novel Drug Carrier for the Controlled Release of Drugs	Bernadette E. Alcock

158-M	Electrochemical Synthesis, Kinetics And Specific Charges Of Hybrid Materials Containing Polypyrrole And Keggin Polyoxometalates	Carlos Giménez-Saiz
159-M	Transport Properties Of Regioregular Doped And Undoped Poly-3-(4-Alkoxyphenyl) Thiophenes Film	A. Cassinese
160-M	Poly(alkylaminothiophene)s: Heteratomic analogues of polyalkoxythiophenes or an unique new class of polythiophenes?	Christopher L. Heth
161-M	Syntheses, Structures and Optical Properties of Halogen-Bridged Two-Leg Ladder Platinum Complexes	Daisuke Kawakami

MOLECULAR & POLYMERIC MATERIALS FOR PHOTONICS & DISPLAYS P I

162-M	Phase Separation In Pentacene/Pentacenequinone Co-Evaporated Thin Films	Ingo Salzmann
163-M	Arrays of Organic Light-Emitting-Diodes by a Surface-Tension-driven approach	Ilenia Viola
164-M	Study of thermal and optical properties of ion implanted PEEK films by photothermal spectroscopies	J.E. de Albuquerque
165-M	Excitonic Interactions In Organic Electrophosphorescent Emitters	J. Mężyk
166-M	Examination of Nano-Structured Materials for Enhanced Nonlinear Optical Response	James J. Doyle
167-M	Organic Charge Transport Materials For Electrophotographic Photoreceptors	Juozas Vidas Gra- zulevicius
168-M	Glass – Forming Electroactive Materials Containing Phenothiazinyl Groups	J. Simokaitiene
169-M	Study of hole blocking layer by means of EL spectra in an organic light emitting diode with two emitting centers	Lin Jian
170-M	Microscopic investigation of the poly(9,9-dioctylfluorene) β phase and real time analysis of its formation	M. E. Caruso
171-M	The Pseudocoordination Centre Method for the prediction of Antennae Structures in Lanthanide Complexes	M. Ottonelli
172-M	Polymeric Luminescent Materials containing Aluminophores	Nam Gwang Kim
173-M	Optical Properties Of Polysilane/Silica Nanoparticle Hybrid Thin Films	N.Watanabe
174-M	Organic Red Light Emitting Devices With Europium Complex In Various Multilayer Structures.	M.Chakaroun
175-M	Phosphorescence Colour Tuning of Iridium Complexes Based on 2-Phenylimidazo[1,2-a]pyridine Ligands, and Application to Polymer Light-emitting Device	Shin-ya Takizawa
176-M	Conjugated Thiophene-Triazole Co-Oligomers Via „Click“-Chemistry	Stefanie Potratz
177-M	Single layer organic light emitting diode based on a thiophene polymer with a cyano group	S. Cheylan
178-M	Synthesis and Properties of Conjugated Polybetaine by the Polymerization of 2-Ethynylpyridine with the Ring-Opening of 1,4-Butanesultone	Yeong-Soon Gal
179-M	Spectroelectrochemical study of pedot-swcnt composite	Martin Kalbác
180-M	Charge transfer and photovoltaic behaviour in organic polymer/inorganic nanowire composite	David Rickard

181-M	The Influence of Poly(2-methoxyaniline-5-sulfonic acid) on the Electrochemical and Photochemical Properties Of a Highly Luminescent Ruthenium Complex	Lynn Dennany
182-M	Pure-white organic light emitting diodes by adjusting the device structure	Ji Hyun Seo
183-M	Characterisation of Organic Light-Emitting Diodes with a Metal Nanodot Array Anode	Adam E. Strevens
184-M	The electrochemical and photochemical reactions of a highly luminescent ruthenium complex when coupled to COOH functionalised single walled carbon nanotubes.	Emmet J. O'Reilly
185-M	New Synthetic Approach towards Giant Polycyclic Aromatic Hydrocarbon	Yulia Fogel
186-M	Electrical and Morphological Characterization of Polypyrrole-Polystyrenesulfonate	JaeHoon Huh
187-M	Processing of Conductive Polymers by Dispersion	B. Zeysing
188-M	Dynamic Electronic Properties and Structure in Biorannuleny and Its Anions	David Eisenberg

ORGANIC CONDUCTORS & SUPERCONDUCTORS P 2

POSTER # & ABSTRACT # ON CD ROM	TITLE	PRESENTER
1-TU	Organic Alloys of Superconductor and Field-Induced Superconductor, I-(BETS) ₂ FexGa _{1-x} Cl ₄	Hayao Kobayashi
2-TU	Gold Nanoparticles Coated With Organic Donor Molecules: Synthesis And Properties	Dong-Youn Noh
3-TU	Spin-Glass Behavior in the t-type Organic Conductor	Keizo Murata
4-TU	Processing Of Polyalkylthiophenes In Nanofibers By Electrostatic Spinning.	I. Cucchi
5-TU	Synthesis Of Hyperbranched Copolymers Containing Triphenylamine And Fluorene Or Thiophene Units	Grigoras Mircea
6-TU	Chromism by Shear Stress of Spiropyran	Makoto Inokuchi
7-TU	The Control Of Bandgap Energy Of Quasi-1D-Halogen-Bridged Pd Complexes By Introducing Long Alkyl Chained Sulfosuccinate	Mitsuhiro Takamura
8-TU	Temperature Dependence Of The ESR Linewidth In Conductive Polypyrrole.	V. Gomis
9-TU	Development of New Regioregular Head to Tail Polythiophenes with Ferrocene Substituents and Hydrophilic Side Chains	John Kearney
10-TU	Preparation And Properties Of 3,6-Linked Carbazole Main Chain Polymers With Triphenylamine Substituents.	Akbar Kulasi
11-TU	Magnetic Torque Measurements of Molecular Conductors Based on Metal Phthalocyanines	Masaki Matsuda
12-TU	Preparation and Properties of 3,6-dimethyl carbazole-9-alkyl-9H-carbazole/ 2,5-Diphenyl-[1,3,4]oxadiazole main chain copolymers.	Timothy G. Simmance
13-TU	Structure and Physical Properties of Dicyano(phthalocyaninato)Iron(II) Conductor With 2-D Arrangement	M. Ishikawa

14-TU	An Ionic(I)-Ionic(II) Phase Transition in a Biferrocene-FITCNQ Charge-Transfer Complex	Yutaka Nishio
15-TU	A Novel Charge-Transfer Complex [Ni(Hpydt) ₂]TNAP; Synthesis, Structure	I Sota SHIBAHARA
16-TU	Carbon Nanotubes Based Methanol Sensor for Fuel Cells Application	D.W. Kim
17-TU	Similarities and Differences in the Structures and Electrical Conductivity of DHDA-TTP, DHOA-TTP and OTDA-TTP Salts	Narumi Hiratani
18-TU	Structures and Properties of BEDT-TTF Salts Derived from Several Alkylsulfonates	Akane Akutsu-Sato
19-TU	Perfluorinated Tetracene: Synthesis, Electrochemistry, Raman Spectroscopic Analysis And Dft Theoretical Calculations	Mari Carmen Ruiz Delgado
20-TU	The Anisotropic Field Effect Mobility of Pentacene Single Crystal	Ju Yul Lee
21-TU	Self-Assembled Graphitic Nanotubes with One-Handed Helical Arrays	Wusong Jin
22-TU	The effect of the disorder induced by the deuterated molecule substitution on the superconductivity of k-(BEDT-TTF) ₂ Cu(NCS) ₂	Hajime Oizumi
23-TU	Single-Component Nickel-1,2-Dithiolene Complexes, Candidate	G. C. Papavassiliou
24-TU	¹⁹ F-NMR studies of an exotic Bechgaard salt, (TMTSF) ₂ FSO ₃	Seiko Suzuki
25-TU	Fermiology of the quarter-filled quasi-two dimensional organic metal b''-(BEDT-TTF) ₄ [(H ₃ O)Ga(C ₂ O ₄) ₃] CH ₂ Cl ₂	Amalia Coldea
26-TU	Neutral Mixed-Valent Conducting Polymer Formed by Electron Transfer between Metal d and Ligand p Orbitals	Minoru Mitsumi
27-TU	AMRO In Bechgaard salts	K.Maki
28-TU	Photoinduced Dynamics Of Dimerized One-Dimensional Mott Insulators	N. Maeshima
29-TU	Longitudinal And Transverse Diffusion Of Conduction Electron Spins On Arene Radical Cation Stacks	David Saez de Jauregui
3--TU	Effect of Interchain Hopping on Magnetic Susceptibility of Q1D Organic Conductors	Y. Suzumura,
31-TU	Experimental Evidence for Local Origin of Angle-Dependent Magnetotransport Phenomena in Layered Conductors	T. Osada
32-TU	Antiferromagnetic Molecular Metal (Me-3,5-DIP)[Ni(dmit) ₂] ₂ (Me-3,5-DIP = N-methyl-3,5-diiodopyridinium; dmit = 1,3-dithiole-2-thione-4,5-dithiolate)	Yosuke Kosaka
33-TU	Effect of the polycounterions on the electrical properties of Poly(o-Methoxyaniline) Layer-By-Layer Films	P.J. Gomes

BIO/ MEDICAL MATERIALS & BIONANOTECHNOLOGY P 2

POSTER # & ABSTRACT # ON CD ROM	TITLE	PRESENTER
34-TU	Geometry And Surface Energy Effects On Capillary-Driven Flow	I.Viola
35-TU	DNA Arrays: selective, ultrasensitive and simple detection of DNA on responsive solid supports	Ahmed Najari
36-TU	Synthesis of amino acid oligo/poly thiophenes based molecular probes- Detection of protein fibril formation	Andreas Åslund

37-TU	Investigation of Nanostructured Biomaterials for Novel Biosensor Fabrication Methodologies	Aoife Morrin
38-TU	Adjustment of the Twist of Nanofibers using a Controlled Relay Time	Bon Kang Gu
39-TU	Influence of doping on spin dependent exciton formation in Alq3 based OLEDs	Carlos F. O. Graeff
40-TU	Study of the Swelling and Bending Behavior of Chitosan Hydrogels with an Imidazolium-Based Ionic Liquid	Chang Kee Lee
41-TU	Elaboration and characterization of amylose/SWNT complexes	O. Chauvet
42-TU	Electrospinning Of Carbon Nanotube Based Scaffolds For Tissue Engineering.	D.Blond
43-TU	Picosecond Infrared Transient Absorption Studies of 5'-Guanosine Monophosphate in Aqueous Solutions	David McGovern
44-TU	Silver Nanoparticle Based Platform Technology For Diagnostics.	Deirdre M. Ledwith
45-TU	Immobilization Of Invertase And Glucose Oxidase In Conducting Graft Copolymers Of Polypyrrole And Thiophene Capped Polytetrahydrofuran Determination Of Glucose In Orange Juices	A.Elif Boyukbayram
46-TU	Enzymatic Synthesis Of Chiral And Conducting Polyaniline	Ivan Yu. Sakharov
47-TU	Conjugated Polyelectrolytes As Reporter Molecules; Biochip Constructed By Soft Lithography Methods	Jens Andersson
48-TU	Nature Of Natural Dna And A Possibility Of Charge Carrier Doping	Kenji Mizoguchi
49-TU	Fullerenes for Time Gated Holographic Imaging	Floris B. Kooistra
50-TU	Elastic Properties And Nanomanipulation Of Self-Assembled Amyloid-Like Fibrils	L. L. del Mercato
51-TU	New p-Extended Water Soluble Squaraines As Singlet Oxygen Generators	Luca Beverina
52-TU	Simple, Label Free and Ultrasensitive Protein – Detecting Array Based on Cationic polythiophene / DNA Aptamer	Maité Béra Abérem
53-TU	Silver Nanoparticle Biosensing Technology for the Detection of Cardiovascular Disease Risk Factors	M. E. Brennan
54-TU	Immobilization of Tyrosinase in Poly(ethyleneoxide) Electrodes and Determination of Phenolics in Red Wines	Hüseyin Bekir YILDIZ

SELF ASSEMBLY P 2

POSTER # & ABSTRACT # ON CD ROM	TITLE	PRESENTER
55-TU	STM studies of the influences on self-assembly properties of poly(phenylene-ethylene)s	Zhun MWei Huang, Shengbin Lei, Chen Wang
56-TU	Spontaneous C ₆₀ Inclusion in Self-Assembled Cyclodextrin Monolayers on Polycrystalline Gold	Andrea McNally
57-TU	Synthesis of Di and Tri-Functionalized Hexaazatrinaphthalene	Chi Wi Ong
58-TU	Poly(2,3-dihexyl-2,3-dihydro-thieno[3,4-b][1,4]dioxine) (PDHexE-DOT) - Chiroptical Properties and Aggregation Behaviour	Günther Götz
59-TU	Effects Of Surface-Pretreatment On The Pentacene-Based Thin-Film Transistors Produced By The Neutral Cluster Beam Deposition Method	Seon-Hwa Jeong

60-TU	Self-Assembly of Low Molecular Weight Gelators under Hydrostatic Pressure	Kazuhiro Yabuuchi
61-TU	Self-Assembly of Dual-Coded Supramolecular Polymers	Laura Pirondini
62-TU	Self-Assembly Of Nanoscale Coordination Cages On Surfaces: Moving From Gold To Silicon	M. Busi
63-TU	Nanoscale Structural And Electronic Properties Of Nanographene Based Mono- And Bi-Component Architectures: A Kelvin Probe Force Microscopy Study	Matteo Palma
64-TU	Biomimetic Control of 3-Dimensional Micro- and Nano-Structure of Polypyrrole	Minhoon Jung
65-TU	Photoactive C ₆₀ bridged Tetrameric Osmium and Ruthenium β -Cyclodextrin assemblies; Assembly and Spectroscopy	Muath Atmeh
66-TU	Effect Of The Applied Magnetic Field On Formation Of Polyaniline Films	O.P. Dimitriev
67-TU	Salt Counterions on Poly(o-Methoxyaniline) Layer-By-Layer Films	P.A. Ribeiro
68-TU	Supramolecular Dynamic Architectures From p-Conjugated Discotics: Nanoscale Structural And Electronic Properties	Matteo Palma
69-TU	Thin Films of Ring-Shaped Polyoxomolybdate Cluster	Reina Jin
70-TU	Opto-Electronic Properties Of Self-Organizing Porphyrin Trimers	S. Fratiloiu
71-TU	Liquid-Phase Growth of Thiophene/Phenylene Co-Oligomer Crystal Films	Takeshi YAMAO
72-TU	Collective Diffusion Of Organic Molecules On Surfaces: A Zinc Porphyrin On Thiol-Functionalized Au(111)	Valentina Arima
73-TU	Experimental and Theoretical Study of Chemically Sensitive Monolayers in Organic Thin Film Transistors	Veronika Proschek
74-TU	Synthesis, Characterization And Fluorescent Emitting Property Of A Novel Chemical Sensor With Guanine Residue	Wei Huang
75-TU	Photoconduction Of Self-Assembled Nanotubes Consisting Of Hexabenzocoronene-Trinitrofluorenone Dyads	Yohei Yamamoto

INORGANIC NANOSTRUCTURES & NANOTUBES

POSTER # & ABSTRACT # ON CD ROM	TITLE	PRESENTER
76-TU	Temperature Dependence Investigation of CdTe QDs Synthesis in Organic Media	XiaoYing Qi
77-TU	Mechanical Properties of WS ₂ Nanotubes	I. Kaplan-Ashiri
78-TU	Sensor applications based on MoS ₂ nanowires	Damjna Dvorsek
79-TU	Dispersion Properties and Applications of Mo ₆ S ₃ I ₆ Nanowires	Denis Mc Carthy
80-TU	Properties And Deposition Of Au/Si Cluster Beams	Giuseppe Compagnini
81-TU	Structural and Nonlinear Optical Properties of Mono-layered Silver Nanoparticles	G. J. Lee
82-TU	Structures and Control of the Electronic States of Quasi-One-Dimensional Halogen-Bridged Ni ^{III} Complexes	Hashen Wu

83-TU	Development Of Porous Molecular Crystals Exhibiting Novel Dielectric Properties	HengBo Cuia
84-TU	Theoretical Study on Phonon Properties of Intercalation Compound Related to MgB ₂	Hidemi Nagao
85-TU	Novel Kaolinite – Conducting Polymer Hybrid Materials and their Anti-microbial Functionality	Kerstin A Burrige
86-TU	The use of Polyaniline-functionalised Nano-structured Calcium Silicate as a Sorbent for Rhenium	Mathew J. Cairns
87-TU	Amine-assisted synthesis and stabilisation of nanocrystalline gold	Michael J. Richardson
88-TU	Force spectroscopy measurements of MoS ₂ nanowires with functionalized biological molecules	Mihaela Ploscaru
89-TU	Syntheses, Structures And Physical Properties Of The Novel Halogen-Bridged Platinum Nanowires With Asymmetric Units	Miyuki Hosoda
90-TU	Optical Properties of Nanocrystal Embedded Silicon Nanowires	Sharon M. King
91-TU	Ag-containing Titania-nanotubes: Preparation and Catalytic NO Decomposition	Shu-Hua Chien
92-TU	A Facile Low-Temperature Synthesis of Titania Nanotubes by Soft-Chemical Treatment	Sibu C. Padmanabhan
187-TU	Silicon Nanowire Nanocomposites for Scalable Vertical Photodiodes	Peyman Serrati

INHERENTLY CONDUCTIVE POLYMERS P 2

POSTER # & ABSTRACT # ON CD ROM	TITLE	PRESENTER
93-TU	5-(2, 2'-Bithiophene)yl-Branched Penta- and Sexy-2,5'-Thiophenes: Synthesis, Electrochemical and Photophysical Properties	Stefano Toffanind
94-TU	Polystyrene Sulfonic Acid As Polyaniline Dopant And Compatibilizer In Polyaniline/SBR Blends	Roselena Faez
95-TU	Organized Conducting Polymer Nanowire Array	Darren Lee
96-TU	Structure, Dynamics And Conductivity Of "Plastdoped" Poly(Anilines)	D. Djurado
97-TU	ANILINE/O-METHOXYANILINE COPOLYMERS: DSC STUDIES	Dimitrinka Tsocheva
98-TU	First-Principles Excited State Method For Polymers By Coupled-Cluster Theory	Hideki Katagiri
99-TU	Optical And Electrochemical Properties Of p-Conjugated Regioregular Poly(6-alkylpyridine-2,5-diyl)s	Hiroki Fukumoto
100-TU	Conducting Polymer in Liquids and Liquid Crystals Studied by Acoustic Shear Horizontal Wave	Katsumi YOSHINO
101-TU	Synthesis of Liquid Crystalline Photoresponsive Conjugated Polymers and Control of Polarized Fluorescence	Kazuo Akagi
102-TU	Alkyl-Chain Dependence of Quadrimolecular Recombination Kinetics of Photoinduced Charge Carriers in Regioregular Poly(3-Alkylthiophene)/C ₆₀ Composites Probed by Light-Induced ESR	H. Tanaka
103-TU	Electrochemical and Spectroscopic Properties of Alternate Copolymers of 3,4-Dioctyloxythiophene and Thiophene Oligomers	Malgorzata Zagorska

I04-TU	Microwave absorption properties of composites based in Polyethylene and PAni-DBSA/organoclay nanocomposites	Mauro A. Soto-Oviedo
I05-TU	Conductive Composites: One Step Synthesis For Specific Applications.	Stéphanie Reynaud
I06-TU	Electrochemical and Spectroelectrochemical Investigation of the Properties of Terthiophenes and Thienylenevinylenes Substituted by 1,3-Indandione Group	Sylwia Plewał
I07-TU	Super-Hierarchical Structure And Control Of Helical Polyacetylene	Taizo MORI
I08-TU	Synthesis And Properties Of New p-Conjugated Polymers Containing A Diazaborole Side Chain	Take-aki Koizumi
I09-TU	Poly(3,4-Ethylendioxythiophene) (Pedot) Thin Film Prepared By In-Situ Polymerization As Polymer Electrode In Redox Supercapacitor	Young Rock Kwon
I10-TU	Creation of Organic-Inorganic Hybrid Materials Containing p-Conjugated Oligomers	Yuko Takeoka
I11-TU	Enantioselective Properties Of Overoxidized Polypyrrole Films Imprinted With L-Aspartic Acid Studied By Eqcm Technique	A. Menaker
I12-TU	Quantitative Understanding Of The Conductivity of PEDOT:PSS	A.M. Nardes
I13-TU	Highly Hydrophobic Polyaniline And Polypyrrole Nanofibers Synthesised By Electrospinning-Sol-Gel Process	A.R. Phani
I14-TU	Preparation And Characterization Of Novel Thiophene Oligomers Combined With Pyridine And Pyrimidine Unit	Akira Kumagai
I15-TU	Polyaniline-PEDOT Copolymer Composite containing Nano Size Barium Ferrite Particles	Anil Ohlan
I16-TU	Polypyrrole Self-Assembled Mono- And Multilayers For Molecular Junctions	A. Berlin
I17-TU	Fabrication and Characterisation of Silver/Polyaniline Composite Nanowires in Anodic Alumina Membranes	Anna Drury
I18-TU	PEDT:A High Current Polymer Electronic Material	Bjørn Winther Jensen
I19-TU	Synthesis and Characterization of Cyclopentadithiophene Based Low Band-gap Conjugated Polymers	Chun-Guey Wu
I20-TU	Polyaniline Nanotubes	E.N. Konyushenko
I21-TU	Conducting Polymers from Processable Precursors via Solid-State Conversion	Gregory A. Sotzing
I22-TU	Tetrathiapentalenes: Building Blocks for New p-Conjugated, Conducting Polymers	Harald Müller
I23-TU	Synthesis And Electroluminescence Properties Of Optically Active Regioregular Polythiophene	Hiroki Fujinami

Molecular & Polymeric Materials for Photonics & Displays P 2

POSTER # & ABSTRACT # ON CD ROM	TITLE	PRESENTER
I24-TU	Thermally Induced Electrical Properties of (Poly Vinyl Alcohol)-(Methyl Orange) Composites	Celso P. de Melo
I25-TU	Triplet Energy Transfer In Phosphorescent Iridium (III)-Cored Dendrimers	J.C. Ribierre

I26-TU	Pyrene-Substituted Terfluorenes: Highly PL Efficient and Stable Blue-Emitter with Improved Hole-injection Ability	Chao Tang
I27-TU	Optical Characterization of a Microencapsulated Multi-Colored Electrophoretic Display Panel utilizing Electrophoretic Color Pigment Particles	Chul Am Kim
I28-TU	Photoluminescence Recovery of Polymer in Water Soluble Conjugated polymer/Cadmium Selenide Quantum Dots Composites	Chun Fang
I29-TU	DFT Study on second-order nonlinear optical property of mono(salicylaldiminato) Nickel(II) Schiff base metal complexes	Yongqing Qiu
I30-TU	New Erbium Complexes Emitting in Infra- red region based on Oligothiophene And Thiophenefluorene Carboxylate	Massimo Ottonelli
I31-TU	Red Organic Light-Emitting Diodes Based On New Iridium Complexes	Doowon Gong
I32-TU	Electrochemical And Optical Properties Of A Highly Fluorescent Tri-arylborane-Substituted Polycarbazole	D. Nowak
I33-TU	3,4-Ethylenedioxythiophene (EDOT) Oligomers: Synthesis, Characterisation and Protonation Experiments	Egon Reinold
I34-TU	Intense Luminescence Of A New Class Of b-Diketone Lanthanide Complexes	Fabio Rizzo
I35-TU	Essential Models For Multipolar Chromophores: Symmetry Breaking And Aggregation Effects	Francesca Terenziani
I36-TU	Effect Of Pressure On The Optical Properties Of Highly Oriented PPV	F. Marabelli
I37-TU	Photoinduced Energy Transfer in Zeolite-Y Scaffolded Ruthenium and Iron polypyridyl Donor-Acceptor systems	Gavin Sewell
I38-TU	Liquid Crystal Alignment by Femtosecond Laser-Induced Periodic Surface Structure	G.J. Lee
I39-TU	Nature And Dynamics Of Electronic Excitations In Conjugated Polymers	E. Hennebicq
I40-TU	Control Of Excitation Transport And Emission In Conjugated Polymers Using Ph Modified Azochromophore Self Assembled Nanolayers	F. E.G. Guimarães
I41-TU	Photoluminescence Properties of facial- and meridional-Ir(ppy) ₃ Thin Films	Hiroshi Uda
I42-TU	Electroabsorption study of conjugated polymers of 2-methoxy-5-2'-ethyl-hexyloxy-1, 4-phenylenevinylene and Poly (2,6-bis- (n-octyloxy)-1,5-NaphthyleneVinylene).	Jonathan Moghal
I43-TU	Phenothiazinyl- and carbazolyl-substituted ethylene molecular glasses for application in OLEDs	J. Simokaitienė

MOLECULAR, POLYMER & NANO-ELECTRONICS P 2

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I44-TU	Effects Of Interfacial Modification On The Performance Of Organic Transistor Based On TCNQ LB Films	Hitoshi Ohnuki

I45-TU	Theoretical Study on Two-Photon Absorption Properties of Dipolar D-p-A Molecules	Koji Ohta
I46-TU	Macromolecular Domain Morphology and Nanopatterning of Carbazole Terminated Poly(aryl ether) Dendrimers by CS-AFM	Hoon-Kyu Shin
I47-TU	Excitation Dynamics at Polymer Heterojunctions Probed by High-Pressure Spectroscopy	Johanna P. Schmidtke
I48-TU	Cyclic and Linear Oligophenothiazines - Building Blocks for New Redox Active Materials	Karin Memminger
I49-TU	A Raman Study On Charge Transfer Phenomena Between A Thin Film Of Tetracyanoquinodimethane And N-Si	Haeseong Lee
I50-TU	Charge Transfer In Methoxyoligothiophene With Ferrocenyl Groups	Masa-aki Sato
I51-TU	Giant π -Expanded Macrocyclic Oligothiophenes As Molecular Materials	Masahiko Iyoda
I52-TU	Soluble, Electroactive and Photoactive Polycarbazoles and Poly(di)indolocarbazoles	Nicolas Blouin
I53-TU	Phases of Polydiacetylene And Their Electro-Optical Properties	O. Shusterman
I54-TU	Photo-Generation of Polaron Pairs in Coupled Chains of Polyacetylene	Pedro Henrique de Oliveira Neto
I55-TU	The Effects Of Dynamical Screening And The Tamm-Dancoff Approximation For The Calculation Of Excitons In Organic Semiconductors	P. Puschnig
I56-TU	Molecular Ruler based on Molecular Device fabricated by Electrochemical Deposition of Platinum Electrode	Sejung Ahn
I57-TU	Multiscale Approach Of Charge Transport In pConjugated Polymers	Stavros Athanasiopoulos
I58-TU	The Effects Of Disorder And Chain Twists On Intra-Chain Polaron Transport In Conjugated Polymers.	S. Stafström
I59-TU	Temperature Dependence Of The Electric Conductivity In Film Polyparaxylylene+CdS	T. S. Zhuravleva
I60-TU	Ultrafast Conformational Dynamics Of Conjugated Polymers	Sebastian Westenhoff
I61-TU	Effect of Lithium Phthalocyanine Doping on Poly(3-hexylthiophene)	Senku Tanaka
I62-TU	Density Functional Theory Study On The Influence Of Donor And Acceptor On Second-Order Nonlinear Optical Properties Of Organoimide Derivatives Of Hexamolybdates	Shaoqing Shi
I63-TU	Exciton Coupling In Molecular And Polymeric Nanostructures	Shuji Abe
I64-TU	A Microscopic Description Of Pentacene Thin-Film Growth And Related Defects	Stijn Verlaak
I65-TU	Influence Of Source/Drain Contacts On The Characteristics Of Organic Field Effect Transistors	Susanne Scheinert
I66-TU	Electronic Structure Calculations Of Phenalenyl Based Neutral Radical Conductors	S. Stafström
I67-TU	Charge Transport Properties Of Oligo-P-Phenylenevinylenes In Organic Field-Effect Transistors	Takeshi Yasuda
I68-TU	Bias-stress in organic transistors and water related trap states	Henrique Leonel Gomes

169-TU	Characterization of α,ω -dihexylsexithiophene-based thin-film transistors	Hoon-Seok Seo
170-TU	Modeling Charge transport parameters in conjugated polymers: Influence of closest distance	James Kirkpatrick
171-TU	Inkjet printing of organic charge-transfer compounds as organic metal electrodes	M. Hiraoka
172-TU	Luminescence of polyaniline nanoparticles	O.P.Dimitriev
173-TU	Evidence for Butatrienic Repeating Unit in the Conjugated Backbone	Olga Shusterman
174-TU	Metal contacts of thin-film field-effect transistors	P. Stallinga
175-TU	On the dynamics of valence holes in large physisorbed oligoacene molecules	Rainer Friedlein
176-TU	Syntheses, Single-Crystal Structures and Field-Effect Transistor Characteristics of α, β - Linked Unsubstituted Oligothiophenes	Reiko Azumi
177-TU	Donor-Acceptor Dendralenes	Thomas D J Westgate
178-TU	Basis of Colour Variation in Polyfluorenes During Degradation	Toby A.M. Ferenczi
179-TU	Clues to HOMO-LUMO Switching in STM Imaging of Physisorbed Aromatic Molecules from Coherent Transport Simulations	Victor Geskin
180-TU	Polaron dissociation in a conjugated polaron	Xiao-jing Liu
181-TU	Many Particle Monte Carlo simulations of Transport in Thin Polymer Films	Yehoram Bar
182-TU	Microscopic analysis of dissociation/recombination and transport in amorphous organic semiconductor devices	Yevgeni Preezant
183-TU	Infrared reflection-absorption spectroscopy of alkali-metal-doped Alq3 thin films using synchrotron radiation	Yoko Sakurai
184-TU	Femtosecond two photon absorption study of quasi-one-dimensional MX-chain compounds	Yoshiki Wada
185-TU	DFT Theory for Polarons in Oligothiophenes: Intermolecular Interaction	Yukihiro SHIMOI
186-TH	Monte Carlo wavefunction approach to the exciton dynamics of three-dimensional molecular aggregates	Suguru Ohta
188-TU	Solvent Effects on Radiation Dosimetry based on MEH-PPV Solutions	C.F.O. Graeff

ORGANIC CONDUCTORS & SUPERCONDUCTORS P 3

POSTER # & ABSTRACT # ON CD ROM	TITLE	PRESENTER
1-W	Electron-Phonon Processes And The Resistivity Anomaly In Quasi-One Dimensional Electron System With An Open Fermi Surface	J. Kishine
2-W	Quantum Critical Behavior in the Quasi 2D Conductor, $k-(\text{MeDH-TTP})_2\text{AsF}_6$	Kensuke Kobayashi
3-W	Quantum Monte Carlo Study Of Charge Ordering In Two-Dimensional Electron Systems	Y. Tanaka
4-W	Renormalization-Group Study on the Dimensionality Effect in Quasi-One-Dimensional I:I Organic Compound $(\text{TMM-TTP})\text{I}_3$	M. Tsuchiizu

5-W	Synchrotron radiation diffraction of CDW state in a ring shaped crystal	K.Yamamoto
5-W	Preparation and Properties of alternating main chain copolymers with 3,6-linked-9-alkyl -9H-carbazole units and 2,7-linked 3,6-dimethyl-9-alkyl-9H-carbazole units	Harismah Kun
7-W	Synthesis and Properties of 2,7-Linked 9-Alkyl-3,6-dimethyl-carbazole Alternating Copolymers with Phenylene Units with Varying Number of Fluorine Substituents	Hunan Yi
8-W	Syntheses and Structures of Pyrene Derivatives Functionalized with Thienyl Groups	Minoru Ashizawa
9-W	Occurrence of the Zero-Gap Semiconducting State in Quasi-Two-Dimensional Organic Conductors	Shinya Katayama
10-W	Two Steps Phase Transition from Mott-State to Charge Ordered State in $\text{Et}_2\text{Me}_2\text{Sb}[\text{Pd}(\text{dmit})_2]_2$: Thermo-Dynamical Study	Yutaka Nishio
11-W	p - d Interaction in a Dicyano(Phthalocyaninato)Iron(III) Conductor with 2-D Arrangement	M. Ishikawa
12-W	Anion Dynamics in the Organic Metal with Multi-instability, (EDO-TTF) $_2$ PF $_6$	Ryo Chiba
13-W	Quantum Paraelectricity near the Neutral-Ionic Critical Point	Yasufumi Yamashita
14-W	Coulomb energies and photoemission in TTF-TCNQ organic molecular conductors	Laura Cano-Cortés
15-W	^{79}Br NQR study of DMTTF-2,6-QBr $_2$ Cl $_2$ around a neutral-ionic quantum critical point	F. Iwase
16-W	Organic Semiconductors: Phase Purity Control by Lattice Phonon Confocal Raman Mapping	Elisabetta Venuti
17-W	Structures and Properties of a Monoanionic Weak Electron Acceptor, Chloranil-4-NHCH $_2$ SO $_3^-$, and its BEDT-TTF Salt	Hiroki Akutsu
18-W	Raman Spectroscopic Analysis And Dft Calculations On Two Fused Thienoacenes With Five And Seven Rings	Reyes Malavé Osuna
19-W	Interchain Mean-Field Approach To Charge-Ordering Transition Of Quasi One-Dimensional Molecular Conductors At Quarter Filling	Hideo Yoshioka
20-W	Occurrence of the Zero-Gap Semiconducting State in Quasi-Two-Dimensional Organic Conductors	Shinya Katayama
21-W	Coexistences and Competitions of Symmetry Broken States in Quasi-One- Dimensional Molecular Conductors - a Finite Temperature Study	Hitoshi Seo
22-W	Two Dimensional Multimode Peierls Transition in the Presence of Anisotropy	Chiduru Watanabe
23-W	Anomalous Pressure Effect on the Superconductivity in an Organic Molecular Conductor b-(BDA-TTP) $_2$ SbF $_6$	Madoka Tokumoto
24-W	Novel Electronic States by Utilizing Molecular Degree of Freedom; Organic Superconductor, b-(meso-DMBEDT-TTF) $_2$ X and Related Materials	H. Mori
25-W	Metastable Phases And Quantum Transitions In An Organic CT salt.	Anna Painell
26-W	Low Temperature Fermi Surface of b''-(BEDT-TTF) $_2$ CsCd(SCN) $_4$	M. Kimata

27-W	Appearance Of Dirac Cone Dispersion And Uniaxial Strain Dependence In Electronic Structure of α -(BEDT-TTF) ₂ I ₃	Hiori Kino
28-W	Observation of Vortex Transition by Interlayer Resistance Measurements in k -(BEDT-TTF) ₂ Cu(NCS) ₂	L.Yin
29-W	Effects of surface pretreatment on DHSTh-based thin-film transistors	Hoon-Seok Seo
30-W	The Effect Of Irradiation-Induced Disorder On The Interlayer Conductivity And Critical Temperature Of The Organic Superconductor k -(BEDT-TTF) ₂ -Cu-(SCN) ₂	James G.Analytis
31-W	Correlation Between Surface Treatment And Performance Of Tetra-cene-Based Field-Effect Transistors	Seon-Hwa Jeong
32-W	Exploring air-stable n-type organic transistors based on nickel complexes	Hiroshi Wada
33-W	Development of Ambipolar Metal-Organic Thin-Film Transistors (MOTFTs)	Shin-ichiro Noro
34-W	Non-superconducting phase appearance in the surface vicinity of k -(BEDT-TTF) ₂ Cu[N(CN) ₂]Br by fast cooling	N.Yoneyama
35-W	Anomalous magnetotransport in the p - d conductor (DIETSe) ₂ FeCl ₄	Mitsuhiko Maesato

ENERGY STORAGE & CONVERSION MATERIALS P 3

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36-W	Lead Sulphide Nanocrystals for Photovoltaics	Andrew A. R. Watt
37-W	An another blooming absorbing material for solar cells	B.Kavitha
38-W	Structural Modification Of Single Wall Carbon Nanotube With 2-(2-Thienyl)Ethanol And Its Application In Polymer Solar Cells	Ana F. Nogueira
39-W	Hole-Transporting Molecular Glasses Based On Carbazole For Solid Dye Sensitizer Solar Cells	R. Aîch
40-W	Ru (II) complex black dyes for dye-sensitized solar cell	C.C. Lai
42-W	Effects of Molecular Surface Modification on Recombination and Charge Transfer in Organic-Inorganic Photovoltaic Cells	Chiatzun Goh
43-W	The Internal Electric Field in Conjugated Polymer and Polymer:Fullerene Based Diodes Studied by Electroabsorption Spectroscopy	Christoph Lungen-schmied
44-W	Transport And Recombination In Polythiophene:Fullerene Solar Cells	C. G. Shuttle
45-W	Photochemical Elaboration Of Nanohybrid Material Based On TiO ₂ And Poly(3,4Ethylene-dioxythiophene) Without Applied Potential	F.Goubard
46-W	Charge Pair Formation and Recombination Dynamics in an Alternating Polyfluorene Copolymer for Solar Cell Applications	H.Aarnio
47-W	Hydrogen-storage properties of Pd/Pt and Pd/Ir bimetallic nanoparticles	Hirokazu Kobayashi
48-W	Hydrogen-Storage Properties of Pd-Rh Nanoparticles	Hitoshi Morita
49-W	Electronic transport properties of MoS _{1x} nanowire bundles and networks	Marko Uplaznik
50-W	Energy resonance in photoinduced electron transfer from terthiophene to C ₆₀	J.-P.Yang

51-W	Electrosorption Of Hydrogen In Nickel Foam/Palladium/Carbon Nanofibers Composite Electrodes	J. M. Skowroński
52-W	Electro-optical Modelling of Blended Polymer Solar Cells	Jonny H.T. Williams
53-W	Improvement Of Device Performances By Red Dyes In Conjugated Polymers/Methanofullerene Plastic Solar Cell	Joonyoung Park
54-W	Energy Transfer Studies Using Photoluminescence Lifetime Correlated Near Optical Microscopy of ...	A. Cadby
55-W	Photoconducting Heterostructures Based On Nanoparticles MoS ₂ / Polymer For Photovoltaics	B.M. Rumyantsev

ADVANCED FIBERS, TEXTILES & COATINGS

POSTER # & ABSTRACT # ON CD ROM	TITLE	PRESENTER
56-W	Novel Hybrid Materials of Cellulose Fibres with Magnetic ...	Aaron C. Small
57-W	Properties of cellulose and polyaniline synthesized in situ blends	B. Fryczkowska
58-W	Prevention of biofouling on membranes by conducting polymer layers	C. Weidlich
59-W	Novel method to Determine Electromagnetic Shielding Properties of Conducting Textiles in 1-18 GHz Frequency Range: Validation	Eva Håkansson
60-W	Fibres of Wool and Possum Fur Functionalised by Conducting Polymers	Fern M. Kelly
61-W	UV created weak and dangling bonds in aryl-substituted polysilylenes	F. Schauer
62-W	Conducting textiles and yarns: Natural Silk Coated with Polypyrrole	I. Cucchi
63-W	Growth of High Purity Polyaniline Nano and Micro Fibers Using the Electrospinning Technique	J. R. Cárdenas
64-W	Preparation of conductive textiles using pyrrole functionalized vinylsilane	M. Mičušík
65-W	Electrical characterization of an electropsun hybrid organic/inorganic Schottky nanodiode	N.J. Pinto
66-W	Novel Soluble Tin Oxide Thin Films And Their Application For Metal-Enhanced Fluorescence	P. Fournet
67-W	Application of soluble poly(3-decanylpyrrole) on textiles	Richard. C. Foitzik
68-W	Morphology of PET/PANI junctions in coatings	R. Fryczkowski
69-W	Relation between chromism and whisker formation of conducting polymer in solution	Takeshi Shimomura
70-W	Electro Magnetic Interference Shielding Pet Fabric/Poly(3,4-Ethylene-dioxithiophene) (Pedot) Composite	Bo Ram Jung
71-W	Highly Conducting PEDOT/PSS Microfibers	Yuko Harashina
72-W	Electron Beam and UV Light Induced Phenomena in Polysilanes for Nanostructured Information Storage	I. Kuritka
73-W	Polyaniline-triazine composite for corrosion protection of iron	Jun Yano

MOLECULAR, POLYMER & NANO-ELECTRONICS P 3

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74-W	Investigation on hysteresis loop in organic devices	Jie Lei
75-W	Qualitative Analysis of Ge p-n photodiode structures using TEM techniques	J. McCarthy
76-W	Homologous series of end-functionalised oligomers of substituted p-phenylene vinylenes and their relevance for theory and practice	E.Thorn-Csányi
77-W	Semi-Conducting Polymers Bearing Perylenebisimide Units as Pendant Groups. Novel Materials with Enhanced Absorption Cross-section	J. L. Segura
78-W	Picosecond charge mobility measurements in organic semiconductors	J. Cabanillas-Gonzalez
79-W	Organic Field-Effect Transistors using p-Extended Phenanthroline Derivatives	Jun-ichi Nishida
80-W	Memory devices using organic materials	Keiko Mori
81-W	Investigation of Mechanism of Memory Behaviour of Organic FET Fabricated with Polypeptide as a Gate Dielectric	Masahiko Kojima
82-W	Effect of contact resistances in the modeling of organic Thin Film Transistor	L. Fumagalli
83-W	Pentacene and Polyfluorene Based Field Effect Transistors with Organic and Inorganic Dielectrics	Luís Alcácer
84-W	DC and AC characterization of conductance switching phenomena in Rose Bengal based devices	M. Barra
85-W	Effect of the self-assembled monolayer on carrier transport in Organic field effect transistors using 5,5'-octyl-2,2':5',2'':2'''-quaterthiophene as an active layer	Masataka Kano
86-W	Fabrication of all plastic transistors using poly(3-hexylthiophene)	Miho Shibao
87-W	The electronic state spectroscopy of c-C ₄ F ₈ by VUV photoabsorption and its role on the plasma processing industry	P Limão-Vieira
88-W	Modeling Thin-film field-effect transistors	P. Stallinga
89-W	Bottom-contact OTS-pretreated DHSTh transistors	Jong-Ho Choi
90-W	Equivalent Circuit For Organic Field-Effect Transistor From Impedance Measurements Under DC Bias	Reghu Menon
91-W	Chemical Vapour Deposition grown carbon nanotubes for interconnect technology	Rory Leahy
92-W	Origin of Carriers in Organic Field Effect Transistors Studied by Displacement Current Measurement	Satoshi Ogawa
93-W	Fabrication of Organic FET Memory with Polypeptide by a Printing Method	Sei Uemura
94-W	Ambipolar organic field-effect transistors using rubrene single crystals	T.Takenobu
95-W	Analysis of time-of-flight transient photocurrent in organic semiconductors with coplanar-electrodes configuration	T.Yoshikawa
96-W	Characteristics of organic FET using fullerene derivatives	T Morita

97-W	Operating Principle of Polymer Insulator Organic Thin-Film Transistor Exposed to Moisture	T.G Bäcklund
98-W	Fabrication and Performance of Organic Field Effect Transistors Using Amorphous Molecular Materials	Hiroshi Kageyama
99-W	New PCBM analogues for organic electronics	Alexander B. Sieval

MOLECULAR & POLYMERIC MATERIALS FOR PHOTONICS & DISPLAYS P 3

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I00-W	Synthesis and characterization of a new iridium complex with a benzothiazole derivative	Jae-Hoon Eom
I01-W	Improved lifetime of organic light-emitting diode with protective silver cathode prepared by ion beam assisted deposition	P.Taillepierre
I02-W	Fabrication of electroluminescent micro-arrays by dry contact printing	Alessandra Passabi
I03-W	A Two Fold Increase in the Light Extraction Efficiency of Polymeric Light Emitting Diodes using a 2-Dimensional Photonic Crystal Placed beneath the Anode	A. M.Adawi
I04-W	Synthesis and Properties of Fluorine -Containing PPV Derivates	Sheng-biao Li
I05-W	Density functional theory study on the influence of donor and acceptor on second-order nonlinear optical properties of organoimide derivatives of hexamolybdates	Shaoqing Shi
I06-W	Synthesis of Polydiacetylene Derivatives with Extended p-Conjugation Systems for Third-Order Nonlinear Optics	Shuji Okada
I07-W	The Use Of Triphenyldiamine As The Active Layer In Organic Light-Emitting Diodes	S. Cheylan
I08-W	Luminescence efficiencies in solution processable electrophosphorescent dendrimers	S.G. Stevenson
I10-W	p-p* transition and metal-to-ligand charge transfer transition in Iridium-complexes	T. Kobayashi
I11-W	Temperature Measurements Of The Organic Layers In A Polymer Light-Emitting Diode By Raman Spectroscopy	Takuro Sugiyama
I12-W	Trapping Effects On Frequency Response Of Dithiolene-Based NIR Photodetectors	T.Agostinelli
I13-W	Synthesis and Properties of New Crosslinkable Fluorene-alt-bithiophene Copolymers	Helena Alves
I14-W	Electrical Properties Of Perylene Derivative Organic Semiconductor/ Metal Contact	A. Stanculescu
I15-W	Tunability Of The Optical Properties Of Nanostructured Composite Polymeric Materials	A. Camposeo
I16-W	Correlations between UV-Vis and Raman spectroelectrochemistry	Anna Kępas
I17-W	Blue light emitting devices from magic size CdSe/ZnS nanocrystals	Aurora Rizzo
I18-W	Environmental Effects on the Absorption Profiles of p-Conjugated Molecular Systems: a Theoretical and Experimental Approach.	Begoña Milián Medina

I19-W	Hole and electron transport properties of a family of blue light emitting fluorene-phenylenediamine copolymers	B.K.Yap
I20-W	Optical and electrical properties of mixed Langmuir-Blodgett films of OC ₁ OC ₆ -PPV a liquid crystal	C.A. Olivati
I21-W	Effect of pH Variation on the Luminescence of Colloidal Au/Polyaniline Systems	C.P. de Melo
I22-W	Polymer Bulk Homojunction Light-emitting and Photovoltaic Cells	Corey Tracy
I23-W	High Gain Optical Amplification in MEH-PPV Films	D Amarasinghe
I24-W	The Role Of Shunt Resistance In The Amplification Of Organic Photodetectors	Dylan Banks
I25-W	By inserting a very thin layer of organic material into a device to study its carrier transportation behavior...	G.Y. Zhong
I26-W	Waveguiding, Microcavity Effects and Optically Pumped Lasing in Single Polymer Nanowires	Gareth Redmond
I27-W	Lasing characteristics of b-phase poly(9,9-dioctylfluorene) (PFO)	Gihan Ryu
I28-W	Molecular interactions at the organic/inorganic interface in dye-loaded zeolite nanochannels	G. Macchi
I29-W	Fabrication of Multi-Colour Pixels from a Single Active Molecule by Surface-Tension-Driven Technique	Giuseppe Gigli
I30-W	Organic light-emitting diodes based on electromers	Gui Yu
I31-W	Characteristics of organic thin film transistor (OTFT) using PEDOT electrodes and insulating polymer	H. S. Kang
I32-W	Time-resolved Z-scan measurements in Cr ³⁺ -doped laser crystals	Hacene Manaa
I33-W	Preparation of ITO Thin Films by Sol-Gel Process and Their Characterizations	Hyun Chul Choi
I34-W	Performance Improvement of Organic Thin Film Transistors with Self-Assembled Monolayer Formed by ALD	Hyunsuck Kim
I35-W	Characteristics of Organic Thin-Film Transistors with PMMA-co-MMA and TiO ₂ Nanocomposite Formed by Sol-Gel Process	Jaehoon Park
I36-W	Study on Organic Light-Emitting Electrochemical Cells Using Imidazodium Salts as Ionic Transport Liquids	J. Goicoechea
I37-W	Improvement of chromaticity in WOLEDs with three emissive layers	Jun Ho Kim
I38-W	Photogenerated Carrier Transport and Surface Ordering of Polyhexylthiophene in Vertical Structures	V. Bhatia
I39-W	Colour-tuning of light-emitting devices based on polyfluorine derivatives through the maskless dye-diffusion technique	Kazuya Tada
I40-W	Color-Variable Organic Light-Emitting Devices	Koichi Sakaguchi
I41-W	Theoretical Study on Chain Length Dependence of Two-Photon Absorption Properties in p-Conjugated Triple-Bond Systems	Koji Ohta
I42-W	Pulse formation dynamics and optical switching in polymer lasers	S. Perissinotto
I43-W	Unusual light emission from polymer field-effect transistors	M.N. Shkunov
I44-W	Efficient Photo-Patternable Electronic Formulations of Light-Emitting Polymers	Olga Solomeshch
I45-W	Improved lifetime of organic light-emitting diode with protective silver cathode prepared by ion beam assisted deposition	P.Taillepierre

I46-W Improved Operational Lifetime of Semiconducting Polymer Lasers Through Encapsulation. Scott Richardson

INHERENTLY CONDUCTIVE POLYMERS P 3

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I48-W	Conducting polymer Preparation under extreme or non classical conditions	W. M. de Azevedo
I49-W	Preparation of Semi-Conducting Polymer Nano-Particles and Nano-Fibres by Supercritical CO2 RESOLV Process	Kwon Taek Lim
I50-W	Polyaniline-Based Material With A Mixed Electron And Proton Conductivity For Electrocatalytic Application	I. Sapurina
I51-W	Electrical Characterization of in-situ polymerized polyaniline thin films	J.A. Giacometti
I52-W	Humidity Effects In Spin-Casted Films Of Polythiophene-Polystyrene Blends	A. Bernasik
I53-W	Ageing-temperature transition in polyaniline films	J. Prokeš
I54-W	Poly(3,4-ethylenedioxythiophene) (PEDOT) Obtained from Processable Precursors	Jayesh G. Bokria
I55-W	Functionalized poly-3-alkylthiophene for photovoltaic devices	Jean-Charles Flores
I56-W	Conducting hybrid materials based on polyaniline, clay and SBR prepared by in situ polymerization	Roselena Faez
I57-W	Electrodeposition of silver on electrochemically polymerized poly(3,4-ethylenedioxythiophene)	Mercedes Vázquez
I58-W	Evolution of nanotubular structure during aniline polymerization	M. Trchová
I60-W	Interpolymer Complexes Of Polyaniline With Different Polysulfonic Acids For Various Applications	V.F. Ivanov
I61-W	Magneto-transport studies in conducting polyaniline	P.K. Kahol
I62-W	Synthesis of Processable Polyanilines for Technological Applications	Parveen Saini
I63-W	Formation of nanowire/polymer composites for organic semiconductor devices	P. Beecher
I64-W	Meso-Meso Ethyne Bridged Porphyrins: A New Class of Conjugated Electronic Materials	Paul R. Frail
I65-W	Ultraviolet photoluminescence in a semiconducting polymer (MEH-PPV)	Paulo B. Miranda
I66-W	'Explosive Polymerization' of Alkoxybromothiophenes	Pawel Wagner
I67-W	Chemical Polymerisation Of Pyrrole Using Iron (III) Salts Of Alkyl Benzene Sulfonic Acids As Oxidising Agents	P. Subramanian
I68-W	Spectroscopic Studies of Dopant Effects in Poly (3,4-Ethylenedioxythiophene) (PEDOT)	Ralph P. Cooney

169-W	Efficient Synthesis of Novel 3,4-Ethylenedioxythiophene (EDOT) Derivatives Endowed with Acceptor Moieties and Hydrogen Bonding Receptors	Raúl Blanco
171-W	Electron Spin Resonance of Field-induced Polarons in MIS Diode Structures and Polaron-Bipolaron Transformation at High Doping Levels	S. Kuroda
172-W	Modification of Amine-functionalized Polyterthiophene Films	Sanjeev Gambhir
173-W	Remediation of Chromium(VI) in Acidic Conditions with Polypyrrole Coated Titanium	Sean T. Earley
174-W	Electrochemical and Spectroelectrochemical Investigation of the Properties of Terthiophenes and Thienylenevinylenes Substituted by 1,3-Indandione Group	Sylwia Plewa
175-W	Calcium silicate facilitated polymerisation of MAS	T. Borrmann
176-W	Molecularly Imprinted Conducting Polymers For Protein Assays	V. Syritski
177-W	Transparent and Flexible Carbon Nanotube / Polypyrrole and Carbon Nanotube / Polyaniline pH Sensors	N.Ferrer-Anglada
178-W	Synthesis of Polyaniline Nanofibers via Porous Membrane Controlled Polymerization	Jeremy Bergeson
179-W	Functionalised Thiophene- Macrocycles	Arne Guta
180-W	Electrical and Thermal Properties of Polypropylene Montmorillonite / Polypyrrole Nanocomposites	Ch. Pandis
181-W	Synthesis and Electro-Optical Properties of an Ionic Polyacetylene Carrying Thiophene Moieties	Yeong-Soon Gal
182-W	Preparation of Oriented Mesoporous Carbon Nano-Filaments within the Pores of Anodic Alumina Membranes	Justin D. Holmes
183-W	Mechanical Reinforcement of Carbon Nanotube Papers by the Incorporation of Polystyrene.	Fiona M. Blighe
184-W	Electrochemical Slow Relaxation in Polyaniline	Mohammad Reza Nateghi
185-W	Highly Efficient White Organic Light-Emitting Diodes from novel Fluorescent and Phosphorescent materials	Ji Hoon Seo

ORGANIC CONDUCTORS & SUPERCONDUCTORS P 4

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1-TH	Syntheses and Properties of (DT-TTF)-C ₆₀ Hybrid Systems	Yohji Misaki
2-TH	Magnetic Study of the Electronic States in β'(BEDT-TTF)(TCNQ)	Takumi Kihara
3-TH	Synthesis of polyaniline in presence of macrocyclic compounds	Grigoras Mircea
4-TH	CRYSTAL sTRUCTURE oF ORGANIC superconductor b-(EDT-TTF) ₄ (Hg ₃ I ₈) _{1-x} AT 90 K	R.N. Lyubovskaya
5-TH	Charge ordering in q-(BEDT-TTF) ₂ RbZn(SCN) ₄ : Cooperative effects of electron correlations and lattice distortions	Satoshi Miyashita

6-TH	Photoemission Spectroscopy of Organic Superconductor k -(BEDT-TTF) ₂ X (X = Cu[N(CN) ₂]Br, Cu(NCS) ₂)	Takayuki Kiss
7-TH	Angle Resolved Photoemission Spectroscopy of Two-dimensional Organic Metal (BEDT-TTF) ₃ Br(pBIB)	Tatsuya Akimoto
8-TH	Low temperature Structural Study of a -(BEDT-TTF) ₂ MHg(SCN) ₄ [M=K and Rb]	Takayoshi Ito
9-TH	Resistivity measurement of small crystals growing on fine patterned electrodes	Hisashi TANAKA
10-TH	Structural Study of a and b -(BEDT-TTF) ₂ I ₃	Yoshio Nogami
11-TH	Uniaxial Compression Effect on the Superconductivity of b -(BDA-TTP) ₂ SbF ₆	Hiroshi Ito
12-TH	New superconducting and paramagnetic salts derived from (BEDT-TTF) ₄ [H ₃ OM(C ₂ O ₄) ₃].PhX (M = Cr and Fe; X = F, Cl and Br)	Simona Curreli
13-TH	Structures and Properties of BEDT-TTF Salts Drived from Several Alkylsulfonates	Akane Akutsu-Sato
14-TH	Deuteration Effect in Cation Radical Salts of EDO-TTF having Multi-instability of	Yoshiaki Nakano
15-TH	Possible charge disproportionation in a -(BETS) ₂ I ₃ and a -(BEDT-TTF) ₂ I ₃ : studied	Shiro Harada
16-TH	Structural Study of a and b -(BEDT-TTF) ₂ I ₃	Yoshio Nogami
17-TH	Metal-Insulator Transition and p - d Interaction of Quasi-1D Organic Conductors (DMET) ₄ (MCl ₄)(TCE) ₂ (M=Mn,Co,Cu,Zn)	Hiroshi Ito
18-TH	Synthesis and Properties of novel Donor-Acceptor Systems with TTF unit	Katsuya Sako
19-TH	Design and Synthesis of TTF-based Materials with Electron Withdrawing Groups	Mao Katsuhara
20-TH	¹ H-NMR analysis of the Antiferromagnetic state of (TMTTF) ₂ SbF ₆	Hidetaka Satsukawa
21-TH	Preparation, Optical and Electrochemical Properties of 2,7-Linked-3,6-Dimethyl-9-Alkyl-Carbazole Main Chain Polymers and Copolymers.	Ahmed Iraqi
22-TH	Cu (II) complex anion and perchlorate radical salts of benzo-TTF and TCET-TTF	L. Boudiba
23-TH	Upper critical field H_{c2} in triplet superconductor in Bechgaard salts (TMTSF) ₂ PF ₆	Ana Domínguez Folgueras
24-TH	Magnetocaloric effect and specific heat in k -(BETS) ₂ FeBr ₄	Takako KONOIKE
25-TH	Quantum Monte Carlo study of spin-Peierls transition in quasi-one-dimensional materials	Akira TERAJ
26-TH	Structural and electromagnetic properties of the incommensurate organic superconductor (MDT-TS)(AuI ₂) _{0.44} I	Tadashi Kawamoto
27-TH	NMR to probe of the SDW/normal metal two-phase coexistence	Stuart Brown
28-TH	Metallization of (TTM-TTP)I ₃ with a Highly One-Dimensional Half-Filled Band under Pressure beyond 7 GPa	Syuma Yasuzuka
29-TH	¹ H NMR studies on Au(tm ₂ dt) ₂ under high pressures	K. Miyagawa
30-TH	Cooling rate dependence of the magnetic torque in the FISDW transition of (TMTSF) ₂ Cl ₄	Noriaki Matsunaga

31-TH	Magnetoresistance Anomaly and Shubnikov-de Haas Oscillations in b''-(EDO-TTFVO) ₂ FeCl ₄	Masayasu Teramura
32-TH	Physical and Structural Properties of b-(BDA-TTP) ₂ X (X = BrI ₂ , Br ₂ I) and b-(OTADA-TTP) ₂ I ₃	Jun-ichi Yamada

FULLERENES, CARBON NANOTUBES & RELATED NANOSTRUCTURES P 4

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33-TH	Spark light induced by field electron emission from carbon nanotube forests	A. Cunningham
34-TH	Electronic properties of helically-wrapped nanotubes	Andrew Wall
35-TH	Investigation of Water Based Suspensions of Carbon Nanotubes Using Optical ..	B.R.Priya
36-TH	New diazonium salts of metal complexes for electrochemical ...	Bruno Jousseme
37-TH	Understanding of the cubic A ₄ C ₆₀ fullerides phase diagram: evidences for the metallic phase in Li ₄ C ₆₀	Denis Arčon
38-TH	Linear and Nonlinear Optical Properties of Porphyrin- Carbon Nanotube Composite solutions	Eimhin Ni Mhuircheartaigh
39-TH	Investigations of electron injection processes in a methanofullerene thin film transistor	Elizabeth von Hauff
40-TH	Physical Properties of Novel Free-standing Polymer-Nanotube Thin films	Emer Lahiff
41-TH	Enhanced Plasma Growth of High-Density Amorphous Carbon Nanostructures on ...	Gamal Abbas
42-TH	Carbon Nanohorn based Donor Acceptor Nanoensembles	Georgia Pagona
43-TH	Charge transfer phenomena between single-walled carbon nanotubes and tetrathiafulvalene	Ha-Jin Lee
44-TH	Development of C ₆₀ -TTF dendrimers for the application to a photovoltaic device	Hiroyuki Nishiakwa
45-TH	New method for purification of carbon nanotubes and preparation of polymer-nanotubes composites	Ian O'Connor
46-TH	Photoluminescence with Near Infra Red Excitation in Single Wall Carbon Nanotubes	J.P. Buisson
47-TH	Aligned Carbon Nanotube/ZnO Heterojunction Arrays	Jianwei Liu
48-TH	Carbon nanotubes filled with conducting polymers via supercritical carbon dioxide	Johannes Steinmetz
49-TH	Absorption spectra from THz to visible region in highly oriented ...	N.Akima
50-TH	Carbon Nanotube Growth on Co and Fe Nanoparticle Films	Niall Patrick Mc Evoy
51-TH	Optics and Raman spectroscopy of vertically aligned carbon nanotubes	Paul Dawson
52-TH	Electronspun Carbon Nanotubes/ Polyacrylonitrile Nanofibers with Uniaxially Aligned Arrays	Qinghua Zhang

53-TH	Interactions of Polycyclic Aromatic Hydrocarbons and Single Walled Carbon	Theresa Hedderman
54-TH	Effect of ion irradiation on transport properties of transparent networks made of SWNT	Viera Skákalová
55-TH	Percolation in Polyvinylalcohol - Carbon Nanotube composites: The role of the solvent	Y. R. Hernandez
56-TH	Optically Active Polymer Carbon Nanotube Composite Nanostructures	Xuetong Zhang
57-TH	POLYPROPYLENE/MULTI-WALLED CARBON NANOTUBES NANOCOMPOSITES: STRUCTURE-PROPERTY RELATIONSHIPS	Emmanuel Logakis
58-TH	A New Way to Disperse Carbon Nanotubes in EVA	Sophie Peeterbroeck
59-TH	The effect of solvent choice on the mechanical and morphological properties of carbon nanotube-polymer composites.	Umar Khan
60-TH	Conducting and transparent SWNT/polymer composites	Urszula Dettlaff-We-glikowska

ENERGY STORAGE & CONVERSION MATERIALS P 4

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62-TH	Synthesis and Properties of Alternating Fluorene-Based	Lars Lindgren
63-TH	Photoactive polybithiophene/titania hybrids prepared by electrochemical	Leeyih Wang
64-TH	Synthesis and Characterization of Nanostructured Carbon Materials for Energy Storage	Mariano M. Bruno
65-TH	P and n dopable carbazole/perylene alternated materials for organic photovoltaic devices	R. Aîch
66-TH	Exciton Diffusion and Energy Transfer in Organic Photovoltaics: Measurements and Novel Device Architectures	Shawn R. Scully
67-TH	X-ray Microscopy of Polymer/Fullerene composites: Nanoscale Quantitative Chemical Imaging	C. R. McNeill
68-TH	Photocurrent Contrast Imaging of Semiconducting Polymer Based Structures	D. Gupta
69-TH	Synthesis and Properties of Low Band Gap Polyfluorenes with Increased Molecular Weights for Photovoltaic Devices	Erik Perzon
70-TH	Nanomorphology of Polymer/Fullerene Bulk Heterojunction Solar Cells	Harald Hoppe
71-TH	Photovoltaic Properties and Inner Electric Field of ZnO/Zn-phthalocyanine Hybrid Solar Cells	Yuki Yoshida
72-TH	Polypyrrole Electrode Material For Piezoelectric Poly(Vinylidene Fluoride) Films	I.Yu. Dmitriev
73-TH	Charge Photogeneration in MEH-PPV/Pt0,75C ₆₀ Donore-Aaacceptor Blends	A.A. Bakulin

74-TH	Application of Novel Photo-electrical Techniques to Characterize Bulk-Heterojunction Solar Cells	Almantas Pivrikas
75-TH	Bulk Hetrojunction Solar Cells Based on Conducting	Ana Flávia Nogueira
76-TH	Ground-state charge-transfer complexes of MEH-PPV as low-band-gap absorbers for polymer solar cells	D. Paraschuk
77-TH	High rectification organic diodes made of sulphonated polyaniline	Di Wei
78-TH	Recombination of Injected Plasma in Bulk-Heterojunction Solar Cells	Gytis Juška
79-TH	Air exposure stability of organic semiconductors from low-level optical absorption	Joaquim Puigdollers

INHERENTLY CONDUCTIVE POLYMERS P 4

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81-TH	Ionically self-assembled and hierarchized poly(aniline)-dendroned supermolecules	Amrit Puzari
82-TH	Pattern Replication in Thin Films	Andrzej Bernasik
83-TH	Switching in Orientation of Macromolecular Silicon Nanorod on the Surfaces	Masanobu Naito
84-TH	Structure and electronic transport properties of stretched films of "plasdoped" poly(aniline).	David Djurado
85-TH	Influence of the dielectric/organic interface on the hole mobility in light-emitting field-effect transistors based on PPV derivatives	Francesco Todescato
86-TH	Manipulation of wavefunctions of photoexcited states for enhancement of third-order optical nonlinearity	Hideo Kishida
87-TH	Controlling the charge-ordering states of MMX chain compounds by the counteranion	Hiroaki Iguchi
88-TH	Mixed Conduction of Coordination Polymers	Hiroshi Kitagawa
89-TH	ESR Observations of Optically-Generated Solitons in Quasi-One-Dimensional Halogen-Bridged Diplatinum Complex, Pt ₂ (n-pentylCS ₂) ₄	Hisaaki Tanaka
90-TH	Charge transport in quasi-one dimensional helical polyacetylene fibers	Hyun Jung Lee
91-TH	The spectroscopic study of the molecular structure of polyaniline	Ivana Sedenkova
92-TH	Hyperconductivity In Polyaniline Films ?	Ivanov V.F.
93-TH	Electric and dielectric behaviour of graphite/polyaniline epoxy composites	Jarmila Vlilcakova
94-TH	Polyaniline-coated multi-wall carbon nanotubes containing a	Jaroslav Stejskal
95-TH	p-Conjugated Polymers from New Polymer Precursors in the Solid State	Jayesh G. Bokria
96-TH	Experimental determination of the nature of intermolecular interactions in regio-regular poly(3-hexylthiophene)	Jenny Clark
97-TH	Hybrid Nanotubes, Nanowires, and Nanojunctions	Jinsoo Joo
98-TH	Influence of electrical field on electrical and dielectrical properties	Joerg Posdorfer
99-TH	EXTENSIVE QUINOIDAL OLIGOTHIOPHENES: RAMAN AND THEORETICAL EVIDENCES OF	Juan Teodomiro López Navarrete

I00-TH	Novel Pressure-Induced Metal-Insulator	Kazuya Otsubo
I01-TH	Synthesis of Polyacetylene and PEDOT Nanoparticles in Nonaqueous Emulsions	Kevin Müller
I02-TH	Twist glass transition in regioregulated poly(3-alkylthiophene)s	Koji Yazawa
I03-TH	What do molecular simulations say about structure and dynamics of camphor-sulfonic acid doped polyaniline?	Konrad Piwowarczyk
I04-TH	Synthesis of Polyaniline in the presence of Aerosol OT and nano	Kuldeep Singh
I05-TH	Induction of Chirality into Poly(2-methoxyaniline-5-sulfonic acid) via Binding with Amino Acids and Peptides	Leon Kane-Maguire
I06-TH	Blends prepared from conducting polymer and precursor poly(acid amic) to be used as RAM	Luiza de Castro Folgueras
I07-TH	Electrochemical storage of hybrid nanostructured conjugated materials in room temperature ionic liquid	M. Mallouki
I08-TH	Electrochemical and Spectroelectrochemical Properties of Thiophene and Thienylenevinylenes Substituted by Vinylphenyl Group	Malgorzata Jadamiec
I09-TH	Relaxation process studies in blends of conjugated polymers	Marcelo Valadares
I10-TH	Electrical and surface properties of polypyrrole containing	Mária Omastová
I11-TH	Head-to-tail coupled poly(thienylene-ethynylene)s for applications in photovoltaic devices	Martin Schikora
I12-TH	Memory Effect of Composite Neuron-type Conducting Polymer Network	Masaharu Fujii
I13-TH	Synthesis and Properties of 3,4-Dinitrothiophene Based	Masahiro Abe

MOLECULAR MAGNETS & SPINTRONICS P 4

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I15-TH	Syntheses and Magnetic Properties of Organic Radical Containing Carborane Derivatives	Fumiyasu Iwahori
I16-TH	Poly(thiaheterohelicene) :A Helical p-Conjugated Polymer	Ichiro Takemura
I17-TH	Spin polarization and magnetoresistance in ferromagnetic/organic semiconductor/ferromagnetic sandwiches	J. F. Ren
I18-TH	Two strategies to yield conducting - magnetic materials	Katel Hervé
I19-TH	Theoretical studies on the ferromagnetism of decamethyl ferrocenium	Kenichi Koizumi
I20-TH	Room temperature ferromagnetic behavior in pellets of poly(3-methylthiophene)	Lygia Walmsley
I21-TH	Polaron to Bipolaron Transition Dynamics in	Magela e Silva
I22-TH	Tuning the Exchange Interaction in High Spin Biradicals	Martin Baumgarten
I23-TH	Construction of a New Single Molecular Magnet (SMM) Family of a Mn ₄ Cluster	Mitsuhiro Ito
I24-TH	Magnetic spectra of ferrite/polyaniline composites	Natalia Kazantseva
I25-TH	First Examples of Spin-Crossover Complexes Involving tcm- And tcnpOet- Polynitrile anions: Syntheses, Variable	Carlos J. Gómez García

126-TH Rotor Structures of Allylammonium - ([18]crown-6) based Supramolecular Cations Daisuke Sato

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133-TH	Hydrogels Based on Chitosan as Bio-Actuators Responding to an External Stimulus	Sang Jun Park
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135-TH	Electropolymerization of a Conducting Polymer in a Biocompatible Hydrogel Matrix	Su Ryon Shin
136-TH	Artificial Molecular Rotors in Magnetic and Conducting Crystals	Takayoshi Nakamura
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143-TH	Novel biomaterials by conjugation of oligothiophenes and peptides	Eva-Kathrin Schillinger
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I59-TH	Chloranil doped phthalocyanine films: structure and photoelectric properties	Pakhomov G.L
I60-TH	A Systematic Study of the Effects of Naphthalene and Anthracene Substitution on the Properties of PPV Derivative	Patrick Lynch
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191-TH	A mechanism of photogenerated charged polaron in polymers	Chang-Qin Wu
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