POSTER SESSIONS

WEDNESDAY, April 28th 2010

PS 01 - V. Bizzarro, S. Masala, M. Re, E. Pesce, C. Minarini, T. Di Luccio - *Comparative Study of Nanocomposites of PVK and P_3HT Polymers Filled with CdS Quantum Dots for Optoelectronic Applications*

PS 02 – N. Griffete, H. Frederich, A. Maître, C. Schwob, S. Ravaine, M. Chehimi, **C. Mangeney** - *Imprinted Photonic Polymers With Embedded Planar Defects for the Development of High Performance Optical Sensors*

PS 03. – L.I. Krotova, V.N. Bagratashvili, M.S. Wakshtein, V.K. Popov, A.O. Rybaltovskii, P.S. Timashev - *Supercritical Fluid Impregnation of Polytetrafluoroethylene Fine Powder with CdSe Quantum Dot*

PS 04 – V. Levchenko,Y. Mamunya, G. Boiteux, J. Ulanski, E. Lebedev, G. Seytre - *Structure and Electrical Properties of Nanocomposites based on Polymer Blends and Carbon Nanotubes*

PS 05 - V.A. Kulbachinskii, S.G. Buga, V.D. Blank, G.A. Dubitsky, N.R. Serebryanaya - *Superconducting Superhard Composite Based on C_{60} and MgB_2*

PS 06 – A.S. Thelakkadan, G. Coletti, F. Guastavino, A. Fina - *Electrical Insulation Properties of Epoxy Nanocomposite Resins*

PS 07 – M.E. Pérez-Ojeda, J.L. Chiara, R. Sastre, I. García-Moreno - *Laser Behaviour of New Hybrid Nanostructured Dyes for Biomedical and Photonic Applications*

PS 08 – D. Vlasveld - *Polycond: EU Research Project on Electrically Conductive Nanocomposites*

PS 09 – N. Fortin, B. Albela, L. Bonneviot, **D. Portinha**, E. Fleury - *Post-Modification of Fluorinated based Microfiltration Membranes by γ-ray Induced Graft Polymerization*

PS 10 – N. Sintes-Zydowicz, F. Gaudin - *Control of the Size of Polyurethane Nanocapsules Obtained by Interfacial Step Polymerisation in Miniemulsion Influence on the Molecular Characteristics of the Polyurethane Membrane*

PS 11 – A. Bragaru, I. Kleps, M. Miu, M. Simion, M. Danila, L. Cortojan, F. Craciunoiu, T. Ignat, M. Leca - *Nanocomposite Membrane based on Platinum Nanoparticles Dispersed in Polymeric Matrix*

PS 12 – C.M. Paranhos, **L.A. Pessan** - *Water Vapor Permeability in Polycarbonate-based Nanocomposite Membranes*

PS 13 – F.M. Marconi, C.M. Paranhos, **L.A. Pessan** - *Preparation and Characterization of Polycarbonate/Zeolite Membranes with High Gas Separation Performance*

PS 14 - V.J. Forrat, N. Baeza, M.D. Romero-Sánchez, C. Guillem-López, A.M. López-Buendía - *Water-Based Hybrid Acrylic-Siloxane Polymers to Improve Surface Properties of Natural Stone*

PS 15 – N. Baeza-Baeza, **V.J. Forrat**, C. Guillem-López, M.D. Romero-Sánchez, A.M. López-Buendía - *Improvement of Mechanical Properties of Marble by Means of Water based Epoxy-Silica Hybrids*

PS 16 – Ph. Dubois, M. Olivier, R. Snyders, R. Lazzaroni, P. Damman, P. Mégret, **F. Bénard -** OPTI²MAT: *Materials with Specific Properties Optimized by Thin Organic Coatings and Related Processes*

PS 17 – S. Berger, L. Schellkopf, M. Stamm, K.-J. Eichhorn, L. Ionov, A. Synytska - *Novel Functional Surfaces and Interfaces Based on Smart Janus Particles*

PS 18 – J.K.G. Bunk, C. Chaiyasorn, A. Drechsler, J.-U. Sommer, M. Stamm - *Polymer-Solid Contacts: Interfaces and Interphases B2 Model Polymer-Solid Interphases: Structure, Properties and Simulations*

PS 19 – A. Förster, A. Caspari, O. Kobsch, C. Bellmann, K. Grundke, M. Stamm - *Anionic Surfactants for Defect Suppression in 193-nm Lithography –Study of the Adsorption Mechanism by Ellipsometry, Zeta Potential and Contact Angle Measurements*

PS 20 – K. Elisabeth, I. Leonid, M. Stamm - *Thermoresponsive Properties of Poly(propylene glycol) n-butyl ether methacrylate-Poly(ethylene glycol) methyl ether methacrylate-Coatings*

PS 21 – L. Augry, J. Duchet-Rumeau, A. Charlot, J.-F. Gerard - *Control and Adjustment of the Morphology of Plasticised PVC-based Nanocomposite Films: Role on the Final Properties*

PS 22 – M. Sangermano, E. Pallaro, **I. Roppolo**, G. Rizza - *UV-Cured Epoxy Coating Reinforced with Sepiolite as Inorganic Filler*

PS 23 – S. Livi, J. Duchet, J.-F Gérard - *Ionic Liquids a New Generation of Surfactants*

PS 24 – H.J. Kim, Y.J. Lee, D.H. Choi, S.S. Hwang, **K.Y. Baek** - *Synthesis of Star-shaped Poly(3-hexylthiophene) by GRIM and ATRP*

PS 25 – J.E. Báez, A. Marcos-Fernández - *Effect of Alkyl CH_3–$[CH_2$–$CH_2]_n$–CH_2– end Group on Poly(ε-Caprolactone), Poly(L-Lactide) and Polyglycolide oligo-esters. Synthesis and Characterization*

PS 26 – **N. García**, E. Benito, J. Guzmán, R. de Francisco, P. Tiemblo - *Microwave vs Conventional Heating in Surface Modification Reactions*

PS 27 – M. Gnauck, A. Rollberg, M. Messerschmidt, P. Uhlmann, M. Stamm – *Novel Synthesis of Switchable Polymer Brushes by Controlled Radical Polimerisation*

PS 28 – J. Maiz, J. Martín, J. Sacristán, C. Mijangos - *Fabrication and Characterization of One Dimensional Polymeric Nanostructures*

PS 29 – E.J. Nassar, L.C. Bandeira, B.M. de Campos, P.S. Calefi, K.J. Ciuffi, J.V.L. Silva, M. Oliveira, I. Alves-Maia - *Coating on Organic Polymer with Macroporous Structure Prepared by Rapid Prototyping*

PS 30 – R. Kisiel, A. Schönhals, M. Pastorczak, M. Kozanecki, L. Okrasa, J. Ulanski - *Fast Dielectric Relaxations in Temperature-Sensitive Hydrogels Synthesized from Poly(vinylmethylether)*

PS 31 – T. Yang, L. Berglund, A. Hult **-** *Mechanical Properties of Hydrogels: From IPNs to Fiber Reinforced Networks*

PS 32 – D. Frank, B. Voit - *Star Polymers Bearing Hyperbranched Cores and Poly(oxazoline)-arms as Additives in Epoxy Photocuring or Isocyanate Thermocuring – their Synthesis and Characterisation*

PS 33 – A. Drechsler, A. Synytska, **S. Berger**, P. Uhlmann, M. Stamm, F. Kremer - *Interaction Forces between Microsized Silica Particles and Annealed Polyelectrolyte Brushes at Varying pH and Salt Concentrations*

PS 34 – L. Bonnaud, O. Persenaire, O. Murariu, Ph. Dubois - *Tailoring Polymer Blends Morphology Through the Joint Action of Nanoparticles and Compatibilizers*

PS 35 – C. Saldías, A. Leiva, L. Gargallo, D. Radic´- S*tructure Effects of Amphiphilic Block Copolymers on Gold Nanoparticles Synthesis. Experimental and Theoretical Studies*

PS 36 - G. Kortaberria, I. Mondragon - *Molecular Dynamics of an Epoxy Resin Modified with an Epoxidized Poly(styrene-butadiene) Linear Block Copolymer during Cure and Microphase Separation Processes*

PS 37 – F. Barroso-Bujans, L. Willner, R. Lund, Á. Alegría, D. Richter, J. Colmenero - *Synthesis and Physical Properties of Self-assembled Poly(isoprene)-Poly(dimethylsiloxane) Block Copolymers*

PS 38 – E. Castro, I. Ly, J.-F. Le Meins, C. Schatz, O. Mondain-Monval, S. Lecommandoux, P. Taboada, V. Mosquera - *Poly(ethylene oxide)-block-Poly(1,2-butadiene) and Poly(ethylene oxide)-graft-Poly(dimethylsiloxane) Polymersomes*

PS 39 – L. del Valle, A. Alegría, J. Colmenero - *Dynamics Under Confinement of PDMS in Strongly Segregated PDMS-PS Diblock Copolymers*

PS 40 – Y. Lamy, F. Lortie, D. Portinha, J.-P. Pascault, J.-F. Gérard, C. Peyre, C. Wojciechowski, S. Guyon, P. Gérard - *Nanostructuration of Unsaturated Polyester Resins by Block Copolymers: Application to SMC Composites*

PS 41 – R. París, S. Medel, J.M. García, I. Quijada-Garrido - *Carboxilyc Acid Functionalized Thermosensitive Gradient and Block Copolymers*

PS 42 – L. Peponi, A. Tercjak, D. Puglia, I. Mondragon, J.M. Kenny - *Confinement Strategies by Using Block Copolymers*

PS 43 – S. Ibrahim, B. Voit - *Click Chemistry Combined with Nitroxide-Mediated Radical and Cationic Ring Opening Polymerization: A Versatile Method for Preparation of Well –Defined Block Copolymers*

PS 44 – D.T-J Barone, Z.Luklinska, O. Persenaire, **J-M. Raquez**, M. Anseau, Ph. Dubois - *Bioactivity of Novel Bioresorbable Poly(L,L-Lactide)/pseudowollastonite-based Composites in Osseointegration*

PS 45 – T. Spychaj, G. Krala, K. Kowalczyk - *Thermoplastic starch / organomontmorillonite Extruded Composite Materials*

PS 46 – N.L. García, **L.G Ribba**, M. Lamanna, N. D'accorso, A. Dufresne, M. Aranguren, S. Goyanes - *Green Films From Grafting of Modified PLA onto Starch Nnanocrystals*

PS 47 – E. Lima, R. Mattos, L.C. Rodrigues, **M.M. Silva**, A. Pawlicka - *Study and Characterization of a Novel Polymer Electrolyte based on Gelatin Doped with Europium Picrate*

PS 48 – E. Lima, E. Raphael, L.C. Rodrigues, **M.M. Silva**, A. Pawlicka, R.A. Sá Ferreira, L.D. Carlos - *Investigations of Agar in Polymer Electrolytes: Low Cost Devices*

PS 49 – I. Craciunescu, A. Nan, R. Turcu, I. Kacso, I. Bratu, C. Leostean L. Vekas - *Stimuli Responsive Magnetic Nanoparticles Gels for Different Biomedical Application*

PS 50 – Y. Yin, L. Salmén, L. Berglund - *Assessing Chemical Changes by Imaging FTIR of Spruce Cell Walls Subjected to High Temperature Steaming*

PS 51 – S. Grimm, J. Martin-Perez, G. Rodriguez, M. Fernández, K. Mathwig, J. San Roman, C. Mijangos, R.B. Wehrspohn, U. Gösele, M. Steinhart - *Cellular Interactions of Biodegradable Polymer Nanorod and Microrod Arrays Prepared by non-Destructive Molding*

PS 52 – N. Rescignano, I. Armentano, M. Amelia, A Credi, J. Kenny - *The Smart Nanosystem for the Drug Control Release: Biodegradable Polymeric Nanoparticles and Nanoshells*

PS 53 – I. Armentano, E. Fortunati, A. Iannoni, S. Zaccheo, M.Barbale, J.M. Kenny - *Development of Multifunctional PLA Composites: Characterization and Degradation in Compost*

PS 54 – M. Henriksson, L. Fogelström, L.A. Berglund, M. Johansson, A. Hult - *New Nanocomposites Approach based on Cross-linking of Hyperbranched Aliphatic Polyesters in High Volume Fraction Reactive Cellulose Nanopaper Template*

PS 55 – J.J. Kochumalayil, H. Sehaqui, Q. Zhou, L.A. Berglund - *Tamarind Seed Xyloglucan: A Promising Biopolymer Matrix for Bioinspired Nanocomposite Materials*

PS 56 – L.-E. Enarsson, L.A. Berglund - *Nanocomposite Biofoams of Starch and Cellulose for Packaging Applications*

PS 57 – A. Liu, L.A. Berglund - *A New Cellulose/Clay Nanopaper*

PS 58 – A. Pei, N. Butchosa, Q. Zhou, L.A. Berglund - *Nanostructured Composite Materials based on Wood Cellulose Nanofibers*

PS 59 – S. Galland, H. Nilsson, K. Gamstedt, T. Iversen, L.A. Berglund - *Compression Moulding of All-Cellulose Composites*

PS 60 – L.N. Ludueña, A. Vazquez, J. Kenny, **V.A. Alvarez** - *Polycaprolactone/clay Nanocomposites: From Preparation to Final Behaviour*

PS 61 – J.M. Gloaguen, J.M. Lefebvre, V. Miri, F. Peurton, **R. Séguéla**, G. Stoclet, J. Devaux, M. Sclavons - *Structural Organization and Mechanical Behavior of PLA Nanocomposites with Untreated Clay*

PS 62 – J.H.O. Nascimento, V. Teixeira, J. Neves, **M.M. Silva**, J.O. Carneiro, P.B. Tavares - *Multifunctional TiO_2 Nanocoating on PLA Fibres by Pulsed DC Magnetron Sputtering (PMS)*

PS 63 – Y. Zhu, G.G. Buonocore, M. Lavorgna, L. Ambrosio - *Preparation and Characterization of Poly(Lactic Acid)/Titanium Dioxide Nanocomposite Films*

PS 64 – K. Stoeffler, M.T. Ton-That, J. Denault, C.W. Leung, K. Mahmoud, J. Luong - *Polymer Composites based on Nanocrystalline Cellulose*

PS 65 – H. Sehaqui, Q. Zhou, L. Berglund - *Controlling Properties of Native Cellulose Aerogels and Biofoams*

PS 66 – R.Yu. Milusheva, M. Abdurazakov, M.Y.Yunusov, S.Sh.Rashidova - *Thermal and Sorption Characteristics of Chitosan and Sepiolite Bionanocomposites*

PS 67 – A.A. Kholmuminov, N.S. Ashurov, S.Sh. Rashidova - *Behaviour of nano-size metal complexes of chitosan in a magnetic field*

PS 68 – C.R.C. Braga, I. França Vitorino, S. de L. Silva, S.M. Lima Silva - *Chitosan–clay nanocomposites for the development of biosensors*

PS 69 – C. Sellam, E. Tkalya, M. Ghislandi, C. Koning, J. Loos, T. Peijs - *PP/Graphene Nanocomposites based on Latex Technology*

PS 70 – M. Jorda, M. Gallur, J. Alonso, A. Devis, N. Ortuño, I. Recalde, M. Ventura, S. Aucejo - *Thermoformed Trays based in Biopolymer Blends and their Composites*

PS 71 - J.L. de la Fuente, G. Mosquera, R. París - *Effect of Cuo Nanoparticles on HTPB-based Energetic Composite Materials*

PS 72 - W. Balhoul, V. Bounor-Legaré, P. Cassagnau, O. Oddes, B. Vergnes - *Experiments, Characterisation and Modelling of In Situ PP/TiO_2 Nanocomposites*

PS 73 - S. Cadra, A. Balland-Longeau, J. Thibonnet - *Development of Novel Metal-Containing Monomers Based on Hydroxy and Oxime Chelation. Application to the Elaboration of Doped Materials for Laser Targets and Investigation of their Nanostructure*

PS 74 – B.L. Oksengendler, N.N. Turaeva, A.A. Sarimsakov, S. S. Rashidova - *Spherical Symmetry Loss Effect of Nanoclusters Shapes in Polymer Matrix at UV Enhanced Growth*

PS 75 – N.N. Turaeva, B. Asqarov, B.L. Oksengendler, S. S. Rashidova - *Studing the Substitution Reaction in Chitin on the base of Jhan-Teller Effect and Topological Modeling its Elementary Act*

PS 76 – N.K. Yerdybaeva, S.V. Plotnikov - *Structural-Phase Transformations and Corrosion Resistance of Metallic Systems after Irradiation with Powerful Impulse Beam*

PS 77 - N.K. Yerdybaeva, **S.V. Plotnikov** - *Studying the Structure and Physical-Chemical Properties of Nanocomposite Combination Coating on the basis of Ti-N-Cr/Ni-Cr-B-Si-Fe*

PS 78 - S. Paz Abuín, **P. Prendes González**, A. Moreno Cid, A. López Quintela, I. Pardiñas Blanc, S. Flórez Fernández - *Dispersion of Silver Nanofibres in Polymer Matrixes*

PS 79 – C. Albano, Y. Sánchez, C. Candelle, A. Karam, G. González, **V. Herman** - *Characterization of PP-MWNTC Composites*

PS 80 – D. Stojanovic, V. Radmilovic, Lj. Brajovic, A. Orlovic, I. Balac, **P.S. Uskokovic**, R. Aleksic - *Preparation of Transparent Silica-PMMA Nanocomposites by Melt-Blending Method*

PS 81 – R.Y. Suckeveriene, A. Tzur, M. Narkis, A. Siegmann - *Development and Characterization of Nano-Composites Based on Monomer Polymerization on the Presence of Nano-Particles*

PS 82 – Dj. Veljović, G. Vuković, E. Palcevskis, P.S. Uskoković, R. Petrović, **Dj. Janaćković** - *Processing of Nanostructured HAP/CNT Composite by Spark Plasma Sintering*

PS 83 – S. Barrau, C. Vanmansart, M. Moreau, R. Seguela, J.M. Lefebvre - *Interfacial Interaction in Carbon Nanotube–Polylactide Composites*

PS 84 – P.S Timashev, V.K. Popov - *Supercritical Carbon Dioxide as a New Route to Nanocomposite Materials*

PS 85 – M. Felisberto, L. Sacco, N. Morales, I. Mondragon, G. Rubiolo, R. Candal, S. Goyanes - *Commercial Iron Oxide Nanoparticles as Precursors for CVD Synthesis of Carbon Nanotubes*

PS 86 – S. Goyanes, M. Barella, I. Mondragon, G. H. Rubiolo - *Electrical Transport Properties of Aligned Carbon Nanotube/Epoxy Plates*

PS 87 – D. Bollas, J. Parthenios, **C. Galiotis**, J. Galy, J.F. Gerard - *Rheology as a Probe for Designing Dispersion Process of MWCNT in Epoxy Prepolymer from Masterbatch*

PS 88 – O. Garcia, J. Parthenios, C. Galiotis, **J.F. Gerard -** *Interfacial Interactions of Carbon Nanotubes with Epoxy and Amine Comonomers and Azomethine Interfacial Additive*

PS 89 – O. Garcia, J. Parthenios, C. Galiotis, **J.F. Gerard** - *Raman Spectroscopy on Buckypaper Based on Carbon Nanotubes Submitted to Uniaxial Tensile Stress*

PS 90 – G.S. Gunko, Yu.M. Bolbukh, G.P. Prikhod'ko, **V.A. Tertykh** - *Polymeric Composites Based on Multiwalled Carbon Nanotubes and 2-Hydroxyethylmethacrylate*

PS 91 – I.E. dell'Erba, **C.E. Hoppe,** R.J.J. Williams - *Crosslinked Networks Filled with Gold Nanoparticles*

THURSDAY, April 29th 2010

PS 92 – A.I. Carrillo, **E. Serrano**, R. Luque, J. Garcia-Martinez - *New Catalysts based on the Incorporation of Al in Helical Nanostructured Materials*

PS 93 – S. Barbosa, R. Martini, A. Terenzi, J.M. Kenny - *Rheology Behavior of Sepiolite-PE Nanocomposites*

PS 94 – J.S. Gonzalez, C.E. Hoppe, **V.A. Alvarez** - *Poly(vinylalcohol) Ferrogels from Chemical Crosslinking and Freezing-Thawing*

PS 95 – G. Šebenik, **M. Huskić**, M.Žigon - *MMT/Unsaturated Polyester Nanocomposites*

PS 96 – P. Zapata, R. Quijada, J. Retuert, H. Palza, M. Yazdani-Pedram, M.L. Cerrada, E. Pérez, J.M. Pereña, **R. Benavente** - *In situ Formation of Nanocomposites Based on Polyethylene and Silica Nanospheres*

PS 97 – P.E. Sánchez-Jiménez, A. Perejón, J.M. Criado, L.A. Pérez-Maqueda - *Kinetic Study of the Thermal Degradation of Polystyrene-Clay Nanocomposite*

PS 98 – J. Pascual, E. Fages, **D. García-Sanoguera**, L. Sánchez-Nácher, T. Boronat - *Antibacterial Properties of Polypropylene with Coated Silver Nanoparticles*

PS 99 – J. Pascual, E. Fages, T. Boronat, **D. García-Sanoguera**, R. Balart - *Influence of Nanoclay Amount on Thermal and Mechanical Properties of Polypropylene Matrix Modified With Montmorillonite-Based Organoclay*

PS 100 – A. Lusuardi, G.M. Joshi, **M.T. Cuberes** - *Nanoelastic Characterization of Tin (Sn)-Polyvinyl Alcohol (PVA) Composites: Nanoscale Morphology and Dielectric Response*

PS 101 – D. Cangialosi, V. Boucher, A. Alegría, J. Colmenero, J. González-Irun, L.M. Liz-Marzan - *Diffusion Driven Physical Aging In Poly(methyl methacrylate)/Silica Nanocomposites*

PS 102 – A. Tolentino, A. Alla, A. Martínez de Ilarduya, **S. Muñoz-Guerra** - *Hybrid Nanocomposites made of Bacterial Poly(γ-glutamic) Acid, Cationic Surfactants and Modified Clays*

PS 103 – S. Montes, H.J. Grande, A. Ruiz de Luzuriaga, A. Lopez, M. Gimeno, J.A. Pomposo **-** *Polymeric Nanoparticles for Viscosity Reduction in Rubber Nanocomposites*

PS 104 – K. Kowalczyk, T. Spychaj - 2*K Polyurethane Top-coats with Organophilized Montmorillonites*

PS 105 – J. Hell, **R. Válek**, M. Kneifl, V. Hlaváček - *Engineering Properties of Polymeric Nanocomposites – Limiting Factors for their Applications like Construction Materials*

PS 106 – A. Nan, R. Turcu, I. Craciunescu, C. Leostean, J. Liebscher - *Advanced method for Surface Ring-Opening Polymerization of Lactones on Magnetic Nanoparticles*

PS 107 – M.C. Corobea, D. Donescu, M. Ghiurea, R. Munteanu, C. Petcu - *Silica Nanofilers (3D-2D-1D) Obtained on Nanolamelaire Edges*

PS 108 – J. Palacios, C. Albano, R. Perera, C. Rosales - *Thermal Properties and Thermal Degradation Kinetics of PP Nanocomposites with EVA and mPE*

PS 109 – M. Txapartegi, A. Iriarte, N. Markaide, **C. Elizetxea** - *Multifunctional Layers for Safer Aircraft Composites Structures*

PS 110 – A. Rollberg, M. Gnauck, P. Uhlmann, M. Stamm - *Synthesis and Application of Innovative Switchable Core-Shell-Nanoparticles*

PS 111 – B. Paredes, I. Suarez, A. Carrero, R. van Grieken - *Study of the "In Situ Blended" Method for Polyethylene/Clay Preparation: Effect of Clay Pretreatment*

PS 112 – F.C. Basurto, D. García-López, N. Villarreal-Bastardo, J.C. Merino, J.M. Pastor - *Improving Properties of ABS-Sepiolite Nanocomposites*

PS 113 – V. Marchante, A. Marcilla, M. Beltrán, F.M. Martínez-Verdú - *Mechanical Properties of LLDPE Coloured with Blue Nanopigments*

PS 114 – V. Marchante, F.M. Martínez-Verdú, A. Marcilla, M. Beltrán - *Colorimetric Properties of LLDPE Coloured with Blue Nanopigments*

PS 115 – K. Dal Pont, E. Espuche, J.-F. Gérard - *Modification of α-ZrP Lamellar Nanofillers: Consequences on the Morphology and Gas Transport Properties of Rubber-based-Nanocomposites*

PS 116 – R. Campi, G. Camino, A. Fina, F. Bellucci, D. Fabiani, G.C. Montanari, F. Guastavino, G. Coletti, A.S. Thelakkadan - *Electrical Properties of Nanostructured Polymers*

PS 117 – L. Vescovo, M. Sangermano, R. Scarazzini, G. Kortaberria - *In –Situ Synthesis of Silver-Epoxy Nano-Composite and Local Dynamics Characterization by Dielectric Relaxation Spectroscopy*

PS 118 – G. Colucci, A. Di Gianni, R. Bongiovanni, Priola, L. Conzatti, M. Alessi, P. Stagnaro - *Intercalation and Exfoliation Evidences in Rubber/Organo-Montmorillonite Nanocomposites*

PS 119 – M. Natali, M. Monti, L. Torre, J. Kenny - *Nanostructured Ablative Thermal Protection Systems*

PS 120 – F. Acquasanta, M. Colonna, C. Berti, M. Fiorini - *Nanocomposites of Sulfonated Telechelic PC with Organically Modified Clays*

PS 121 – X. Shi, A. Lazzeri - *Determination of Surface Coating Coverage of Precipitated Calcium Carbonate Nano-particles Coated in Aqueous Medium*

PS 122 – M. Oliveira, A.V. Machado, R. Nogueira - *Development of Hybrid Nanocomposites containing Aluminium*

PS 123 – B. Lecouvet, C. Bailly - *Polymer Nanocomposites based on Halloysite Nanotubes*

PS 124 – V. Boucher, D. Cangialosi, A. Alegrìa, J. Colmenero, I. Pastoriza-Santos, L.M. Liz-Marzan - *Effect of Silica Nanoparticles on the Structural Relaxation of PMMA/Silica Nanocomposites*

PS 125 – T. Sénéchal, F. De Geuser, M. De Boissieu, J. Bras - *Study of Whiskers Orientation in Nanocomposite for Barrier Packaging*

PS 126 – A. Butwin, Z. Czech - *Solvent-based Structural Pressure-Sensitive Adhesives (S-PSA) based on Monomers Containing SiO_2 Nanoparticles*

PS 127 – O.S. Şahin, A. Avci, H. Gülce, A. Gülce, E. Aydin - *Synthesis and Characterization of Poly-Aniline coated ZnO Nanoparticles*

PS 128 – T. Seyidoglu, U. Yilmazer **-** *Polypropylene Matrix Nanocomposites with Organoclays Produced from Turkish Bentonite*

PS 129 – V.A. Tertykh, N.A. Ivashchenko, K.V. Katok, V.V. Yanishpolskii - *Silicas with Grafted Silicon Hydride Groups in Preparation of Immobilized Metal Nanoparticles*

PS 130 – A. Ullah, F. Carniato, **S. Russo** - *Preparation and Characterization of Polystyrene-Clay Nanocomposites by in situ Polymerization*

PS 131 – A. Ullah, F. Carniato, O. Monticelli, **S. Russo** - N*ovel Polymer Nanocomposites based on Polyamide 6 and Ti-Containing Aminofunctionalized-POSS*

PS 132 - M.I. Bruno Tavares, E. Oliveira da Silva, M. Bruno Rocha e Silva, A. Almeida dos Santos, M. Sato de S. B. Monteiro, F. Abbate, R.P. Cucinelli Neto - T*he Use of NMR Relaxometry to Characterize of Nanocomposites obtained from Biodegradable Polymers*

PS 133 – M. Hernández, R. Verdejo, M.A. López-Manchado, T.A. Ezquerra - *Dynamics of Natural Rubber Nanocomposites with Carbon based Nanofillers*

PS 134 – R. Merijs-Meri, S. Strode, V. Pugachov, I. Zalite, V. Kalkis, A.K. Bledzki - *Magnetic Nanofiller Modified Thermoplastic Polyester Composites: Manufacturing and Structural Properties*

PS 135 – A. Terenzi, D. Tabuani, J.M. Kenny, G. Camino – *MULTIHYBRIDS: Innovative Sensor-based Processing Technology of Nanostructured Multifunctional Hybrids and Composites*

PS 136 – M. Galimberti, S. Giudice, V. Cipolletti, G. Guerra L. Conzatti - *Control of Organoclay Structure in Hydrocarbon Polymers*

PS 137 – M. Zdanowicz, **T. Spychaj**, K. Kowalczyk - N*ovel Semihydrophilic Modified Montmorillonites for Polymeric Composites*

PS 138 – N. Bitinis, M.A. López-Manchado, R. Verdejo - *Polylactic Acid/Natural Rubber Blends Compatibilized with Organoclays*

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