PNG2008 Posters List

Poster session I: Properties, Monday 18:30 – 20:30

Pa1. D. Hourdet, CNRS–ESPCI, Paris, France
Temperature Dependence of Modified Alginates in Aqueous Solution: Gel-Sol-Gel Transitions

Pa2. D. Kafouris, University of Cyprus
Synthesis and Characterization of Amphiphilic Shell-Cross-Linked Polymer Model Networks

Pa3. L. Gilmore, University of Sheffield, UK
Synthetic Polymers for Interaction with Vascular Endothelial Growth Factor and Heparin

Pa4. S. Reinicke, University of Bayreuth, Germany
´Smart´ Hydrogels based on Stimuli Responsive Trishydrophilic Triblock Terpolymers

Pa5. D. Grande, CNRS – Université Paris XII, Thiais, France
From "Old" Polycyanurate Networks to New Porous Thermosetting Films: Structure-Properties Relationships

Pa6. G. Kali, Hungarian Academy of Sciences
Swelling Behavior of Amphiphilic Conetworks in Physiologically Relevant Salts Solutions

Pa7. C. Prisacariu, "Petru Poni" Institute, Iasi, Romania
The Evolution of Mechanical Properties in Crosslinked Postcured Polyurethane Elastomers Based On Hard Segments of Variable Geometry

Pa8. C. Prisacariu, "Petru Poni" Institute, Iasi, Romania
The Influence of Hard and Soft Segment Polydispersion on the Mechanical Performance of Polyurethanic Films Based on Dibenzyl Structures

Pa9. C. Prisacariu, "Petru Poni" Institute, Iasi, Romania
Some Aspects Regarding the Thermal Behaviour and Stability of Polyurethanes Elastomers, Polyurethane-Ureas and Shape Memory Polyurethanes Derived From Flexible Hard Segments

Pa10. B. Ferse, Technische Universität Dresden, Germany
Characterization of Poly(N-isopropylacrylamide)-Clay Nanocomposite Hydrogels by Scattering Methods

Pa11. S. V. Ghugare and G. Paradossi, Università di Roma Tor Vergata, Italy
A Novel Temperature Sensitive Hydrogel Microdevice Based on Poly(vinyl alcohol) / Poly(methacrylate-co-N-isopropylacrylamide)

Pa12. B. Serrano, Universidad Carlos III de Madrid, Spain
Interfacial Phenomena in Silica / Epoxy Hybrid Nanocomposites

Pa13. R. Messing, Heinrich-Heine-Universität Düsseldorf, Germany
Magnetoresponsive Hydrogels

Pa14. I. Hajdu, University of Debrecen, Hungary
Targeted Delivery of Gadolinium Complexes of Chitosan/Poly-γ-glutamic Acid Self-assembled Nanoparticles As Potential MRI Contrast Agents

Pa15. M. Thiel, Technical University Dortmund, Germany
Synthesis and Characterization of Magnetically Isolated APCN Micro Particles for Enzymatic Catalysis

Pa16. S. Dech, Technical University Dortmund, Germany
Activity Optimization of in Amphiphilic Conetworks Immobilized Lipase Candida Antarctica in Correlation with Lyoprotectants

Pa17. G. Sudre, CNRS-ESPCI, Paris, France
Switchable Adhesion of Hydrogels

Pa18. D. Hourdet, CNRS–ESPCI, Paris, France
Responsive Polymers Assembling in Bulk and at Interfaces

Pa19. C.-S. Ha, Pusan National University, Busan, Korea
PMMA-based Microgels for Controlled Release of an Anticancer Drug

Pa20. L. A. Ozerina, Institute of Synthetic Polymeric Materials, Moscow, Russia
The Structure of hybrid Poly(N-vinylcaprolactam)/SiO_2 Gel As Revealed by Small-Angle X-ray Scattering

Pa21. T. Coviello, Sapienza, University of Rome, Italy
Mechanical and Modelling Characterization of Polysaccharidic Hydrogels for Modified Drug Delivery

Pa22. A. Zemaitaitis, Kaunas University of Technology, Lithuania
Cationic Starch Hydrogels As Sorbents of Water Contaminants

Pa23. T. Aouak, King Saud University, Riyadh, Saudi Arabia
Compatibility Study of a Poly(benzyl methacrylate)/Poly(ethylene oxide) Blend by Inverse Gas Chromatography

Pa24. G. Poźniak, Wrocław University of Technology, Poland
Cation-Exchange Membranes From Semi-Interpenetrating Polymer Network: Polyethylene/Poly(Styrene-co-Divinylbenzene) in Donnan Dialysis

Pa25. E. A. Kharenko, The Sechenov Moscow Medical Academy and The Lomonosov Moscow State University, Moscow, Russia
Mucoadhesive Properties of Hydrogel Films Based on Linear and Cross-linked Hydrophilic Polymers

Pa26. R. P. Dumitriu, “Petru Poni” Institute, Iasi, Romania
Viscoelastic and Morphological Properties of Thermo-Responsive Polymeric Networks Based on Natural/Synthetic Polymers

Pa27. D. Gregor-Svetec, University of Ljubljana, Slovenia
Melt Spinning of Plastic Grade Polypropylene

Pa28. D. Jermakowicz-Bartkowiak, Wrocław University of Technology, Poland
New Selective Gel and Porous Resins Towards Rhenium Recovery

Pa29. J. M. G. Swann, University of Sheffield, UK
Understanding and Improving the pH Responsive Behaviour of PMMA-b-PDEA-b-PMMA Triblock Actuators

Pa30. H. Valentová, Charles University, Prague, Czech Republic
Thermal, Mechanical and Dielectric Behavior of Liquid-Crystalline Polybutadiene-diols With Cyanobiphenyl Groups in Side Chains

Pa31. E. C. Buruiana, "Petru Poni" Institute, Iasi, Romania
Polyurethane Cationomers and Hybrid Composites With Special Applications

Pa32. J. Nedbal, Charles University, Prague, Czech Republic
Swelling and Mechanical Behavior of Ionized Interpenetrating Network

Pa33. A. Horta, Universidad Nacional de Educación a Distancia, Madrid, Spain
The pH Inside a Swollen Polyelectrolyte Gel: Poly(N-vinylimidazole)

Pa34. M. Belzik, University of Vienna, Austria
A Critical Comparison of the Characterization of Non-fractionated and Fractionated Poly(p-hydroxystyrene) Samples by Size-Exclusion Chromatography and MALDI-ToF Mass Spectrometry

Pa35. M. Nattich, Polish Academy of Science, Cracow, Poland
Characterization of Polyelectrolyte Mono- and Multilayers on Mica by the Streaming Potential and Particle Deposition Methods

Pa36. O. E. Philippova, Moscow State University, Russia
Polymer-surfactant Networks Highly Responsive to Hydrocarbons

Pa37. W.-C. Lin, ESPCI, Paris, France
Fracture of Polymer Hydrogels

Pa38. C. E. Florea, "Transilvania" University of Brasov, Romania
PVA Cryogel Behavior in the Presence of Aqueous Electrolyte Solutions

Pa39. C. G. Delides, Technological Educational Institute of W. Macedonia, Kozani, Greece
Dielectric and Mechanical Relaxation Dynamics in Epoxy Nanocomposites Filled with Carbon Black and Carbon Nanotubes

Pa40. S. Yiannopoulos, State General Laboratory, Nicosia, Cyprus
A Survey on Reused Frying Oils in Restaurants and Catering Services in Cyprus

Pa41. E. S. Dragan, "Petru Poni" Institute, Iasi, Romania
Ionic Hybrid Hydrogels and Their Interactions

Pa42. E. S. Dragan, “Petru Poni” Institute, Iasi, Romania
Heavy Metal Ion Uptake Properties of Some Iminodiacetate Chelating Resins

Pa43. E. Geissler, Université J. Fourier de Grenoble, France
Enhanced Response from an N-Isopropyl Acrylamide Co-Polymer Hydrogel

Pa44. I. Levine, Ben Gurion University, Beer Sheva, Israel
Magnetically Induced Heating in Elastomeric Nanocomposites - Theory and Experiments

Pa45. O. Ben-David, Ben Gurion University, Beer Sheva, Israel
Shear Induced Microstructural Changes Effected by the Presence of Carbonaceous Nanoparticles in Surfactant/Water Systems

Pa46. E. Dolinski, Ben Gurion University, Beer Sheva, Israel
Polymer Crystallization in the Presence of Cross Links

Pa47. E. E. Moushi, University of Cyprus
A New Family of 3d Coordination Polymers Composed of Mn_{19} Magnetic Units

Pa48. I. E. Suleimenov, Almaty Institute of Power Eng. & Telecomm., Kazakhstan
Peculiarities of Swelling of Hydrogels Based on Weak Polyacids in Low-Molecular Acid Solutions

Pa49. I. E. Suleimenov, Almaty Institute of Power Eng. & Telecomm., Kazakhstan
Some Advanced Applications of Polymer Hydrogels For Synthesis of 3D Images

Pa50. I. E. Suleimenov, Almaty Institute of Power Eng. & Telecomm., Kazakhstan
Linear and Cross-Linked Polyacids: Peculiarities of Ion Exchanging

Pa51. I. E. Suleimenov, Almaty Institute of Power Eng. & Telecomm., Kazakhstan
Long-distance Interactions Between Polymer Hydrogels and Anomalous Ion Exchange Phenomenon

Poster session II: Synthesis, Tuesday 18:40 – 20:30

Pb1. C. Fodor, Hungarian Academy of Sciences
Preparation and Characterization of Polymer Conetworks as Metal Ion Chelating Agents

Pb2. H. Hamamoto, Kansai University, Japan
Pursuit of Extreme Network Polymer Precursor in Free-radical Multiallyl Crosslinking Polymerization

Pb3. T. Matsumoto, Kansai University, Japan
Loop-structures Containing Net Polymers Obtained by Free-radical Crosslinking Monovinyl/Divinyl Copolymerization in the Presence of Chain Transfer Agent

Pb4. Y. Miwa, Kansai University, Japan

Gelation in Free-radical Crosslinking Polymerization of Multiallyl Monomers in the Presence of a Variety of Vinyl-type Network Polymer Precursors

Pb5. S. Nakatani, Kansai University, Japan
Synthesis of Patchwork-type Network Polymers Utilizing Different Types of Network Polymer Precursors Consisting of Short Primary Polymer Chains as Patches and Compatibilizers

Pb6. L. A. Pavlova, Russian Academy of Sciences, Moscow
Synthesis and Properties of Hypercrosslinked Polydivinylbenzene

Pb7. M. D. Rikkou, University of Cyprus
Model Networks Based on Cleavable Bifunctional Initiators: Synthesis, Characterization and Hydrolysis Studies

Pb8. N. A. Hadjiantoniou, University of Cyprus
Synthesis and Characterization of Amphiphilic Conetworks Based on Multiblock Copolymers: Effect of Number of Blocks at Constant Molecular Weight and Composition

Pb9. M. Walczak, Rzeszów University of Technology, Poland
Multifunctional Hyperbranched Precursors for Polymer Networks

Pb10. D. Grande, CNRS – Université Paris XII, Thiais, France
Degradable Polyester-Containing Networks Reinforced by Cellulose

Pb11. J. B. Lechowicz, Rzeszów University of Technology, Poland
Monte-Carlo Simulation of A2 + B3 Copolymerization. Polymer Networks and Hyperbranched Polymers

Pb12. M. Achilleos, University of Cyprus
Poly(ethylene glycol)-Based Amphiphilic Model Conetworks: Synthesis by RAFT Polymerization and Characterization

Pb13. J. Tobis, University of Freiburg, Germany
Synthesis and Characterization of Thermoresponsive Amphiphilic Conetworks

Pb14. K. Pafiti, University of Cyprus
Fluoropolymer Amphiphilic Conetworks: Synthesis by RAFT Polymerization and Characterization

Pb15. F. Eckert, Technische Universität Dresden, Germany
Random Cross-linked Polystyrene Gels: Monitoring of Gelation Process and Dynamic Properties

Pb16. J. Pozuelo, Universidad Carlos III de Madrid, Spain
Surface Modification of Polyrotaxanes as Nanorreinforcement in Epoxy Resin

Pb17. J. Baselga, Universidad Carlos III de Madrid, Spain
DGEBA and Liquid Crystalline Epoxy Correacted Networks: Synthesis and Curing Kinetics by Fluorescence and FT-NIR Techniques

Pb18. J. C. Cabanelas, Universidad Carlos III de Madrid, Spain
The Early Crosslinking Process in Fluorescent Epoxy Systems by Confocal Microscopy

Pb19. S. Szabó L., Hungarian Academy of Sciences
Nanostructured Amphiphilic Conetworks Based on Poly(N,N-Diethyl Acrylamide) and Poly(N,N-Dimethyl Acrylamide), as well Polydimethylsiloxane and Polyisobutylene

Pb20. P. von Czarnecki, Technical University of Dortmund, Germany
Design of Novel Polymer Networks That Recognize Biological Signals

Pb21. A. Üveges, University of Debrecen, Hungary
Nanolayer Film Formation of Cross-Linked Polymer Nanoparticles

Pb22. M. Bodnar, University of Debrecen, Hungary
Preparation and Characterization of Cross-linked Hyaluronan Nanoparticles

Pb23. J. Bako, University of Debrecen, Hungary
Biodegradable Nananocomposite Hydrogels from PGA

Pb24. M. Szaloki, University of Debrecen, Hungary
Nano-Sized Organofillers for Restorative Dentistry

Pb25. A. Kiriy, Leibniz Institute Dresden, Germany
Graft-Conetworks, Brushes and Stars of Poly(3-alkylthiophenes) via Site-Initiated Kumada Polycondensation

Pb26. E. Schab-Balcerzak, Polish Academy of Sciences, Zabrze, Poland
Photoinduced Effect in Polyetherimide and Epoxy Resin Functionalized With the Same Azobenzene Group

Pb27. D. Neugebauer, University of Silesia, Katowice, Poland
Gradient Graft Copolymers Prepared by Copolymerization of PEO Methacrylate With Acrylate Macromonomers

Pb28. Z. P. Sandić, Faculty of Science, Banja Luka, Bosnia & Hercegovina
Kinetic Models For Heavy Metals Sorption on Amino-Functionalized Glycidyl Methacrylate-based Macroporous Copolymers

Pb29. A. Rusli, Monash University, Victoria, Australia
Rotational Moulding of Thermoplastics Using Thermosetting Resins

Pb30. P. Vlček, Academy of Sciences of the Czech Republic
Poly(methacrylic acid)-l-Polyisobutylene and Poly(acrylic acid)-l-Polyisobutylene Based Hydrogels Prepared by a Two-Step Polymer Procedure

Pb31. A. Airinei, “Petru Poni” Institute, Iasi, Romania
Silica Networks Containing Lanthanum Complexes

Pb32. K. Zielińska and K. A. Wilk, Wrocław University of Technology, Poland

Poly(Methyl Methacrylate) Nanocapsules Fabricated by Interfacial Polymerization in Oil-in-Water Microemulsion System

Pb33. K. A. Wilk, Wrocław University of Technology, Poland
Polymerization and Aggregation of Novel Nonionic Surfmers Containing a Sorbyl Group

Pb34. A. M. Ferraria, Technical University of Lisbon, Portugal
Surface Chemistry of Cellulose Films: Quantitative Studies

Pb35. M. Bryjak, Wrocław University of Technology, Poland
Preparation of Functional Microspheres by Membrane Emulsification

Pb36. V. N. Kizhnyaev, Irkutsk State University, Russia
Polymers on the Base Vinyl Monomers of Azoles

Pb37. I. Lukác, Slovak Academy of Sciences, Bratislava
Synthesis, Photoperoxidation and Crosslinking of Styrene Copolymers with Pendant Benzyl Moieties

Pb38. C. Kósa, Slovak Academy of Sciences, Bratislava
Study of Photoperoxidation and Crosslinking of Styrene Copolymer Bearing Benzyl Pendant Groups Using Fluorescence Probes and Chemiluminescence

Pb39. L. Hahui, "Petru Poni" Institute, Iasi, Romania
Poly(ethylene oxide) Derivatives for Deposition by Matrix Assisted Pulsed Laser Evaporation

Pb40. H. Janik, Gdansk University of Technology, Poland
Synthesis of Hexametylenediisocyanate-based Segmented Polyurethane Hydrogels Obtained With the Use of Different Oligodiols

Pb41. A. S. N. Al-Arifi, King Saud University, Riyadh, Saudi Arabia
Polymerization of Benzyl Methacrylate Using $Ni(acac)_2$-methylaluminoxane Catalyst System

Pb42. M. Maciejewska, Maria Curie-Skłodowska University, Lublin, Poland
Influence of Chemical Structure of Crosslinker on the Polarity and Selectivity Porous Copolymers of 1-Vinyl-2pyrrolidone

Pb43. J. Romanski, Warsaw University, Poland
Preparation of Copper Complexes of α-Amino Acids in Polymer Network Gel and Their Influence on Swelling Behavior

Pb44. T. Rusu, "Petru Poni" Institute, Iasi, Romania
Artificial Intelligence Methods Used in the Designee of Crosslinked Copolymers

Pb45. B. Podkościelna, , Maria Curie-Skłodowska University, Lublin, Poland
Synthesis and Properties of Polymeric Microspheres - Derivatives of Bis-(4-hydroxyphenyl)sulfide

Pb46. P. Mezey, Hungarian Academy of Sciences

Poly(N,N-Dimethyl Acrylamide)-l-Polyisobutylene Amphiphilic Polymer Conetworks and Nanomaterials Thereof

Pb47. M. Zamfir, "Petru Poni" Institute, Iasi, Romania
Acrylic Copolymers With Amino Acid Sequences and Fluorescent Groups for Special Applications

Pb48. E. Geissler, Université J. Fourier de Grenoble, France
Preparation of Resorcinol Formaldehyde Gels for Advanced Carbon Materials

Pb49. P. Papaphilippou, *University of Cyprus*
Magnetic Hydrogel Networks Based on Poly(Ethyleneglycol) Methyl Ether Methacrylate, 2-(Acetoacetoxy)Ethyl Methacrylate and Iron Oxide

Pb50. M. Czaun, Kumamoto University, Japan
Synthesis and Surface-initiated Atom Transfer Radical Polymerization of New L-Phenylalanine-Derived Organogelators from Mesoporous Silica

Pb51. I. E. Suleimenov, Almaty Institute of Power Eng. & Telecomm., Kazakhstan
Composites Based on Oppositely Charged Networks and Their Advanced Applications

Pb52. J. Pavlinec, Slovak Academy of Sciences, Bratislava
Matrices for Dental Restoratives Based on Hydrolytically Stable N-Substituted bis-Acrylamides: Polymerization Behavior