

Institute of Macromolecular Chemistry, Academy of Sciences of the Czech Republic, Prague,
Czech Republic

UNESCO/IUPAC Postgraduate Course in Polymer Science

List of papers

The following is the list of papers contributed by course graduates and related to their work at the Institute in the frame of the UNESCO/IUPAC Postgraduate Course program and follow-up co-operation between the graduates and the Institute. The list includes papers published or accepted for publication during the period September 1996 – September 2002.

The papers are divided into the following categories:

(A) Original papers published in international journals

(G and C) Lectures (abstract published in conference proceedings) and reports

(P) Patents

Number of contributions according to categories:

(A): 49

(G and C): 68

(P): 1

Authors – Course participants cited in the list:

Andreeva D., Azanova V. V., Bogdan E., Chaikivskyy O., Dukh O., Fedorova S., Fedorov A., Ganchev B., Kassalainen G., Korostyatynets V., Mamytbekov G., Mihailova M., Mitchenko A., Munteanu B. S., Razina A. B., Rosova E. Yu., Sapurina I., Semenyuk N., Shapoval P., Solovyev A., Sulimenko T., Todorova G., Zhivkov I.

The items are organized according to the names of the course graduates in alphabetic order. A paper contributed by more than one course graduate appears more than once on the list.

The codes of items correspond to the List of Papers of the Institute of Macromolecular Chemistry, Academy of Sciences of the Czech Republic published by the Institute as Macro Series.

G125/02

Aldea G., Výprachtický D., Cimrová V.

New copolymers of poly(maleic anhydride-co-styrene) with 1,3,4-oxadiazole for electroluminescence

21st Discussion Conference ‘Electrical and Related Properties of Polymers and Other Organic Solids, Prague 2002

Abstracts, P82

G99/99

Andreeva D. V., Polotskaya G. A., Gladchenko S. V., Elyashevich G. K., Brožová L., Pientka Z., Bleha M.

Formation and structure of composite membrane with polypyrrole-poly(phenylene oxide) top layer

3rd International Symposium 'Molecular Mobility and Order in Polymer Systems',
St. Petersburg 1999
Abstract P-109

G182/00

Andreeva D. V., Pientka Z., Brožová L., Bleha M., Polotskaya G. A., Elyashevich G. K.
Preparation, morphology and gas transport properties of polypyrrole containing-membranes
14th International Congress of Chemical and Process Engineering 'Chisa', Prague 2000
Summaries P3.148, p. 274

G183/01

Pientka Z., **Andreeva D. V.**, Brožová L.
Membranes with polypyrrole for gas separation (in Czech)
48th Conference of Chemical and Process Engineering 'Chisa 2001', Srní 2001
Abstracts, p. 48

A122/98

Azanova V. V., Hradil J.
Sorption properties of macroporous and hypercrosslinked copolymers
React. Funct. Polym. 41, 163–175 (1999)

G49/98

Beneš M. J., Fedorov A., **Azanova V. V.**, Kassalainen G., Přádová O.
Adsorbents of phenols with potential hydrogen bond participation
8th International Conference on Polymer Based Technology, Ma'ale Hachamisha 1998
Abstracts, p. 111

A116/00

Azanova V. V., Podlesnyuk V. V., Hradil J.
Sorption of phenol by simple and modified 2,3-epoxypropyl methacrylate-vinylpyrrolidone
copolymers
Nauk. Zap., Kiiiv. Derzh. Univ. 18, 35–39 (2000)

A117/00

Azanova V. V., Podlesnyuk V. V., Hradil J.
Sorption of phenols derivatives on macroporous 2,3-epoxypropyl methacrylate-
N-vinylpyrrolidone-ethylene dimethacrylate copolymers
Nauk. Zap., Kiiiv. Derzh. Univ. 18, 40–45 (2000)

G90/01

Bogdan E., Jasinski W., Maslyk-Walczak M., Špírková M., Kadlec P., Lednický F., Hlavatá D.,
Matějka L.
Synthesis and intercrosslinking of functional organosilicon microgel particles
20th Discussion Conference 'Scattering Methods for the Investigation of Polymers', Prague 2001
Programme Booklet, Abstract P35

A92/01

Horák D., **Chaikivskyy O.**

Poly(2-hydroxyethyl methacrylate-*co-N,O*-dimethacryloylhydroxylamine) particles by dispersion polymerization

J. Polym. Sci., Part A: Polym. Chem. 40, 1625-1632 (2002)

G71/02

Sikora A., **Dolgoshey V. B.**, Baldrian J., Kratochvíl J.

Study of poly(ethylene oxide) melting by temperature-modulated DSC (in Czech)

Seminar on Calorimetry, Seč near Chrudim 2002

Proceedings, pp. 33-36

A77/98

Matějka L., **Dukh O.**, Kolařík J.

Reinforcement of crosslinked rubbery epoxies by in-situ formed silica

Polymer 41, 1449–1459 (2000)

G50/98

Dukh O., Matějka L., Meissner B.

Organic-inorganic networks from precursors of various architecture

14th Polymer Networks Group International Conference ‘Polymer Networks 98’,

Trondheim 1998

Abstract P39

G79/98

Dukh O., Matějka L., Špírková M.

Mechanical properties of organic-inorganic hybrid systems

18th Discussion Conference P. M. M. ‘Mechanical Behaviour of Polymeric Materials’,

Prague 1998

Abstract PC34

G81/98

Dukh O., Matějka L., Špírková M.

Mechanical properties of hydrophilic gels based on 2-hydroxyethyl methacrylate and tetraethoxysilane

18th Discussion Conference P. M. M. ‘Mechanical Behaviour of Polymeric Materials’,

Prague 1998

Abstract PC32

A20/99

Matějka L., **Dukh O.**, Brus J., Simonsick W. J. Jr., Meissner B.

Cage-like structure formation during sol-gel polymerization of

glycidylxypropyltrimethoxysilane

J. Non-Cryst. Solids 270, 34–47 (2000)

A96/99

Matějka L., **Dukh O.**, Hlavatá D., Brus J., Simonsick W. J. Jr.

Sol-gel polymerization of alky(trialkoxo)silanes – formation of cage-like silsesquioxane structures

Polym. Prepr. (Am. Chem. Soc. Div. Polym. Chem.) 41(1), 502 (2000)

G95/99

Dukh O., Matějka L., Brus J., Simonsick W. J., Meissner B.

Formation of polyhedral cyclics in sol-gel polymerization of trialkoxysilanes

39th Microsymposium 'Advances in Polymerization Methods: Controlled Synthesis of Functionalized Polymers', Prague 1999

Abstract P61

A53/00

Matějka L., **Dukh O.**

Organic-inorganic hybrid networks

Macromol. Symp. 171, 181–188 (2001)

A107/00

Matějka L., **Dukh O.**, Hlavatá D., Meissner B., Brus J.

Cyclization and self-organization in polymerization of trialkoxysilanes

Macromolecules 34, 6904–6914 (2001)

G3/00

Matějka L., **Dukh O.**, Hlavatá D., Brus J., Simonsick W. J. Jr.

Sol-gel polymerization of alkyl(trialkoxy)silanes: Formation of cage-like silsesquioxane structures
219th ACS National Meeting, Organic-Inorganic Hybrid Polymers, Division of Polymer Chemistry, San Francisco 2000

Abstr. Pap. Am. Chem. Soc. 219, U356-U357 (2000)

G80/00

Dukh O., Matějka L.

Cyclization and structure evolution in polymerization of trialkoxysilanes

15th Polymer Networks Group Meeting, Cracow 2000

Abstract P-7

G81/00

Matějka L., **Dukh O.**

Organic-inorganic hybrid networks

15th Polymer Networks Group Meeting, Cracow 2000

Abstract IL-12

G141/01

Melissari S., Pissis P., Kanapitsas A., **Dukh O.**, Matějka L.

Dielectric studies of molecular mobility and phase morphology in epoxy - silica hybrid nanocomposites

4th International Discussion Meeting on Relaxations in Complex Systems, Heraklion 2001

<http://www.edu.uoh.gr/~rizos/>

G49/98

Beneš M. J., **Fedorov A.**, Azanova V. V., Kassalainen G., Přádová O.

Adsorbents of phenols with potential hydrogen bond participation

8th International Conference on Polymer Based Technology, Ma'ale Hachamisha 1998

Abstracts, p. 111

G124/99

Osadchev A., **Fedorova S.**, Geller N., Skorokhodov S., Stejskal J.

The synthesis of polysiloxarylenazomethines and the influence of intermolecular donor-acceptor interactions on their supermolecular structure

39th Microsymposium 'Advances in Polymerization Methods: Controlled Synthesis of Functionalized Polymers', Prague 1999

Abstract P13

A14/02

Fedorova S., Stejskal J.

Surface and precipitation polymerization of aniline

Langmuir 18, 5630-5632 (2002)

G77/02

Fedorova S., Sapurina I., Stejskal J.

Polyaniline nanofilms produced by surface polymerization of aniline

21st Discussion Conference 'Electrical and Related Properties of Polymers and Other Organic Solids, Prague 2002

Abstracts, P60

G62/00

Koňák Č., **Gantchev B.**, Teodorescu S. M., Matyjaszewski K., Kopečková P., Kopeček J.

Micelles of poly[*N*-(2-hydroxypropyl)methacrylamide-*block*-butyl acrylate] in water/dimethylformamide mixed solvents

40th Microsymposium 'Polymers in Medicine', Prague 2000

Abstract P4

A4/01

Koňák Č., **Gantchev B.**, Teodorescu M., Matyjaszewski K., Kopečková P., Kopeček J.

Poly[*N*-(2-hydroxypropyl)methacrylamide-*block*-*n*-butyl acrylate] micelles in water/DMF mixed solvents

Polymer 43, 3735-3741 (2002)

G90/01

Bogdan E., **Jasinski W.**, Maslyk-Walczak M., Špírková M., Kadlec P., Lednický F., Hlavatá D., Matějka L.

Synthesis and intercrosslinking of functional organosilicon microgel particles

20th Discussion Conference 'Scattering Methods for the Investigation of Polymers', Prague 2001

Programme Booklet, Abstract P35

G49/98

Beneš M. J., Fedorov A., Azanova V. V., **Kassalainen G.**, Přádová O.

Adsorbents of phenols with potential hydrogen bond participation

8th International Conference on Polymer Based Technology, Ma'ale Hachamisha 1998

Abstracts, p. 111

G158/02

Machová L., **Malinová V.**, Nováková K., Lázníček M., Koňák Č., Rypáček F.

Micelles of biodegradable block copolymers: Synthesis, characterization and radiolabelling for biodistribution studies (in Czech)
Polymers, Prague 2002
Programme Booklet Abstract P08

A62/97

Mamytbekov G., Bouchal K., Ilavský M., Bekturov E. A.
Phase transition in swollen gels. 23. Effect of the positive charge concentration on the collapse and mechanical behaviour of poly(1-vinyl-2-pyrrolidone) gels
Polym. J. 30, 713–719 (1998)

A105/97

Mamytbekov G., Bouchal K., Sedláková Z., Ilavský M.
Phase transition in swollen gels. 25. Effect of the anionic comonomer concentration on the first-order phase transition of poly(1-vinyl-2-pyrrolidone) hydrogels
Eur. Polym. J. 35, 451–459 (1999)

A68/98

Mamytbekov G., Bouchal K., Ilavský M.
Phase transition in swollen gels. 26. Effect of charge concentration on temperature dependence of swelling and mechanical behaviour of poly(*N*-vinylcaprolactam) gels
Eur. Polym. J. 35, 1925–1933 (1999)

A76/98

Ilavský M., **Mamytbekov G.**, Bouchal K., Hanyková L.
Phase transition in swollen gels. 27. Effect of negative charge concentration on swelling and mechanical behaviour of poly(*N*-vinylcaprolactam) gels
Polym. Bull. (Berlin) 43, 109–116 (1999)

G17/98

Ilavský M., Řeřichová M., **Mamytbekov G.**, Sedláková Z.
Preparation of responsive hydrogels using irradiation
13th Radiochemical Conference, Mariánské Lázně 1998
Book of Abstracts

G54/98

Ilavský M., **Mamytbekov G.**, Bouchal K.
Collapse in charged poly(1-vinyl-2-pyrrolidone) gels
14th Polymer Networks Group International Conference ‘Polymer Networks 98’,
Trondheim 1998
Abstract P73

G68/98

Mamytbekov G., Řeřichová M., Bouchal K., Sedláková Z., Ilavský M.
Structure and mechanical behaviour of charged vinylactam hydrogels prepared by irradiation
18th Discussion Conference P. M. M. ‘Mechanical Behaviour of Polymeric Materials’,
Prague 1998
Abstract PC50

A48/00

Ilavský M., **Mamytbekov G.**, Sedláková Z., Bekturov E. A.
Phase transition in swollen gels. 28. Swelling and mechanical behaviour of poly(1-vinyl-2-pyrrolidone-*co*-*N*-vinylcaprolactam) gels in water/acetone mixtures
Polym. J. 33, 214–220 (2001)

A72/00

Ilavský M., **Mamytbekov G.**, Sedláková Z., Hanyková L., Dušek K.
Phase transition in swollen gels. 29. Temperature dependences of swelling and mechanical behaviour of poly(*N*-vinylcaprolactam-*co*-1-vinyl-2-pyrrolidone) gels in water
Polym. Bull. (Berlin) 46, 99–106 (2001)

G52/00

Ilavský M., **Mamytbekov G.**, Sedláková Z., Dušek K.
Phase transition in responsive hydrogels
38th Macromolecular IUPAC Symposium, Warsaw 2000
Book of Abstracts, Vol. 3, p. 1036

G74/00

Sedláková Z., **Mamytbekov G.**, Ilavský M., Dušek K.
Phase transition in charged poly(*N*-vinyl lactam) hydrogels
15th Polymer Networks Group Meeting, Cracow 2000
Abstract P-19

A50/01

Ilavský M., **Mamytbekov G.**, Hanyková L., Dušek K.
Phase transition in swollen gels. 31. Swelling and mechanical behaviour of interpenetrating networks composed of poly(1-vinyl-2-pyrrolidone) and polyacrylamide in water/acetone mixtures
Eur. Polym. J. 38, 875-883 (2002)

G90/01

Bogdan E., Jasinski W., **Maslyk-Walczak M.**, Špírková M., Kadlec P., Lednický F., Hlavatá D., Matějka L.
Synthesis and intercrosslinking of functional organosilicon microgel particles
20th Discussion Conference ‘Scattering Methods for the Investigation of Polymers’, Prague 2001
Programme Booklet, Abstract P35

G121/01

Baldrian J., Horký M., Steinhart M., Sikora A., **Mihailova M.**, Amenitsch H., Bernstorff S.
Cocrystallization behaviour of low-molecular-weight PEO fractions in polymer blends
Colloquium of Crystallographic Society ‘Structure’, Bedřichov 2001
Mater. Struct. 8, 67 (2001)

G195/01

Baldrian J., Horký M., Steinhart M., Sikora A., **Mihailova M.**, Amenitsch H., Bernstorff S.
SAXS and DSC study of cocrystallization of low-molecular-weight PEO fractions in polymer blends
5th International Conference on X-Ray Investigation of Polymer Structure, Bielsko-Biala 2001

Abstracts, L3

A5/02

Baldrian J., Horký M., Steinhart M., Sikora A., Mihailova M., Amenitsch H., Bernstorff S., **Todorova G.**
SAXS and DSC study of cocrystallization of low-molecular PEO fractions in polymer blends
SPIE Proceedings, accepted

G40/00

Hradil J., **Mitchenko A.**, Krystl V., Bernauer B., Brožová L., Pientka Z., Kočířik M.
Heterogeneous membranes for separation of small molecules
9th International Conference on Polymer Based Technology, Tianjin 2000
Abstracts, p. 17

A59/97

Stejskal J., Špírková M., Riede A., Helmstedt M., **Mokreva P.**, Prokeš J.
Polyaniline dispersions. 8. The control of particle morphology
Polymer 40, 2487–2492 (1999)

G9/02

Kelnar I., **Munteanu B. S.**, Fortelný I.
Influence of structure and functionality of styrene-based elastomer on the behavior of ternary
blend with PA6 matrix
7th European Symposium 'Polymer Blends', Lyon 2002
Abstracts E4

G50/02

Kelnar I., Kotek J., **Munteanu B. S.** and Fortelný I.
Ternary reactive blend of poly(butylene terephthalate); synergistic effect of finely dispersed rigid
polymer and elastomer
World Polymer Congress, 39th International Symposium on Macromolecules, Beijing 2002
Preprints 2, p. 548

G120/98

Nedkov T. E., Lednický F., Horák Z.
Behaviour of PE/PP blends at low temperature cutting by means of SEM
18th Discussion Conference P. M. M. 'Mechanical Behaviour of Polymeric Materials',
Prague 1998
Abstract PC77

G121/98

Christova D., **Nedkov T. E.**, Lednický F.
Morphology and mechanical properties of structural foamed LDPE/PP blends
18th Discussion Conference P. M. M. 'Mechanical Behaviour of Polymeric Materials',
Prague 1998
Abstract PC79

A88/99

Zhivkov I., **Nedkov T. E.**, Nešpůrek S., Danev G., Schauer F.

Space-charge effect in vacuum-evaporated phthalocyanine films
Vacuum 58, 340-343 (2000)

G170/99

Zhivkov I., **Nedkov T. E.**, Nešpůrek S., Danev G., Schauer F.
Space charge effects in phthalocyanine films
11th International School on Vacuum, Electron and Ion Technologies, Varna 1999
Abstracts, p. 38

A79/98

Rangelov S., Tuzar Z.
Stabilization of hydrophobic micellar dispersions by ethylene oxide/propylene oxide block copolymers
J. Mater. Sci. Lett. 18, 221–223 (1999)

A106/98

Munk P., **Rangelov S.**, Tuzar Z.
Nanosize aggregates of block copolymers of styrene and hydrogenated butadiene in water
Int. J. Polym. Anal. Charact. 4, 435–446 (1998)

G70/99

Razina A. B., Demchenko E. A., Sedláková Z., Bouchal K., Sikora A., Srnová I., Ilavský M.
Dynamic mechanical and thermal behaviour of liquid-crystalline polyesters
19th Discussion Conference 'Rheology of Polymer Systems', Prague 1999
Abstract P13

A74/00

Razina A. B., Sedláková Z., Bouchal K., Tenkovcev A. B., Ilavský M.
Liquid-crystalline polyesters with end nitroxyl radicals and their use in living free-radical polymerization (in Russian)
Vysokomol. Soedin. A 44, 1469-1477 (2002)

G192/00

Nedbal J., Demchenko E. A., **Razina A. B.**, Sedláková Z., Ilavský M.
Thermal, dielectric and dynamic mechanical behaviour of liquid-crystalline polyesters
14th Bratislava International Conference on Modified Polymers, Bratislava 2000
Proceedings P15, pp. 104–105

G209/00

Demchenko E. A., **Razina A. B.**, Sedláková Z., Sikora A., Ilavský M.
Dynamic mechanical and thermal behaviour of liquid crystalline polyesters
9th Annual Conference of Doctoral Students 'WDS 2000', Prague 2000
Proceedings, pp. 389–395

G109/01

Sedláková Z., Studenovský M., **Razina A. B.**, Ilavský M.
Synthesis and thermal behaviour of liquid crystalline hybrid copolymers
13th Yugoslavian Symposium on Chemistry and Technology of Macromolecules 'YU MAKRO', Zlatibor 2001

Abstracts, p. 140

G110/01

Sedláková Z., Bouchal K., **Razina A. B.**, Ilavský M., Michalcová J.
Synthesis and characterization of nitroxide-terminated liquid-crystalline hybrid polyesters
Congress 'Polymers in the Third Millennium', Montpellier 2001
Poster Abstracts, B22

A18/02

Demchenko Y. A., **Razina A.**, Sedláková Z., Sikora A., Baldrian J., Ilavský M.
Dynamic mechanical and thermal Behavior of thermotropic polyesters based on 4,4'-alkane-1- ω -
diylbis(4-hydroxybenzoic acid) and 4,4'-(pentane-1,5-diyloxy)dibenzoic acid
Eur. Polym. J., accepted

A104/97

Bleha M., Kúdela V., **Rosova E. Yu.**, Polotskaya G. A., Kozlov A. G., Elyashevich G. K.
Synthesis and characterization of thin polypyrrole layers on polyethylene microporous films
Eur. Polym. J. 35, 613–620 (1999)

G104/97

Rosova E. Yu., Kozlov A. G., Polotskaya G. A., Elyashevich G. K., Bleha M., Kúdela V.
Properties of polypyrrole layers on the surface of polyethylene microporous membranes
17th Discussion Conference 'Surface and Interfacial Phenomena in Macromolecular Systems',
Prague 1997
Abstracts, P44

A98/98

Rosova E. Yu., Polotskaya G. A., Kozlov A. G., Elyashevich G. K., Bleha M., Kúdela V.
Study of the poly(pyrrole) layers on microporous poly(ethylene) film substrate (in Russian)
Vysokomol. Soedin. 40, 914-920 (1998)
Polym. Sci., Ser. A 40, 530–535 (1998) (Engl. Transl.)

G92/98

Bleha M., **Rosova E. Yu.**, Polotskaya G. A., Elyashevich G. K.
Electrochemical properties of polypyrrole–polyethylene composite as anion-exchange membrane
13th International Congress of Chemical and Process Engineering 'CHISA 98', Prague 1998
Summaries, p. 52, CD-ROM D8.7

G93/98

Tishchenko G., **Rosova E. Yu.**, Elyashevich G. K., Bleha M.
Porosity of microporous polyethylene membranes modified with polypyrrole and their diffusion
permeability to low-molecular-weight substances
13th International Congress of Chemical and Process Engineering 'CHISA 98', Prague 1998
Summaries, p. 40, CD-ROM D7.2

G115/98

Kudasheva O. V., Karpov E. A., Lavrentyev V. K., **Rosova E. Yu.**, Lednický F., Elyashevich G.
K.

Structure and mechanical properties of highly oriented polyethylene samples formed by two different techniques

18th Discussion Conference P. M. M. 'Mechanical Behaviour of Polymeric Materials', Prague 1998

Abstract PC4

A86/99

Tishchenko G., **Rosova E.**, Elyashevich G. K., Bleha M.

Porosity of microporous polyethylene membranes modified with polypyrrole and their diffusion permeability to low-molecular-weight substances

Chem. Eng. J. 79, 211–217 (2000)

A138/99

Tishchenko G., Bleha M., **Rosova E. Yu.**, Elyashevich G. K.

Porosity and diffusion permeability of polyethylene membranes modified with polypyrrole (in Russian)

Vysokomol. Soedin. 42, 326–332 (2000)

Polym. Sci. 42, 230–235 (2000) (Engl. Transl.)

G21/99

Kúdela V., Tishchenko G., Dybal J., **Rosova E. Yu.**, Elyashevich G. K., Bleha M.

Effect of conformation of polypyrrole and polyaniline within porous polymeric membranes on their electric conductivity and diffusive permeability

4th International Symposium 'Euro-Membrane 99', Leuven 1999

Book of Abstracts, Vol. 2, pp. 319–320

G41/99

Kúdela V., Tishchenko G., Dybal J., **Rosova E. Yu.**, Elyashevich G. K., Bleha M.

Influence of pH of solutions on porous membranes with polypyrrole and polyaniline

3rd International Symposium 'Molecular Mobility and Order in Polymer Systems', St. Petersburg 1999

Abstract P-113

A54/00

Tishchenko G. A., Dybal J., Stejskal J., Kúdela V., Bleha M., **Rosova E. Yu.**, Elyashevich G. K.

Electrical resistance and diffusion permeability of microporous polyethylene membranes modified with polypyrrole and polyaniline in solution of electrolytes

J. Membr. Sci. 196, 279–287 (2002)

G136/01

Elyashevich G. K., **Rosova E. Yu.**, Tishchenko G. A., Bleha M.

Transport and sorption properties of microporous polyethylene films and composite membranes

41st Microsymposium 'Polymer Membranes', Prague 2001

Programme Booklet, Abstract SL19

G41/02

Tishchenko G., Kúdela V., **Rosova E. Yu.**, Elyashevich G. K., Sato T., Bleha M.

Conductivity and diffusion permeability of membranes with incorporated polypyrrole

4th International Symposium 'Molecular Order and Mobility in Polymer Systems', St. Petersburg
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A20/97

Stejskal J., **Sapurina I.**, Trchová M., Prokeš J., Křivka I., Tobolková E.
Solid-state protonation and electrical conductivity of polyaniline
Macromolecules 31, 2218–2222 (1998)

A10/99

Stejskal J., **Sapurina I.**, Prokeš J., Zemek J.
In-situ polymerized polyaniline films
Synth. Met. 105, 195–202 (1999)

A55/99

Stejskal J., Sulimenko T., Prokeš J., **Sapurina I.**
Polyaniline dispersions 10. Coloured microparticles of variable density prepared using stabilizer
mixtures
Colloid Polym. Sci. 278, 654–658 (2000)

G32/99

Stejskal J., **Sapurina I.**, Prokeš J.
In-situ polymerized polyaniline films
3rd International Symposium 'Molecular Mobility and Order in Polymer Systems',
St. Petersburg 1999
Abstract P-082

G100/99

Sapurina I., Stejskal J., Tuzar Z.
Polymerization of aniline in the presence of block copolymer micelles
3rd International Symposium 'Molecular Mobility and Order in Polymer Systems',
St. Petersburg 1999
Abstract P-133

G172/99

Sapurina I., Stejskal J., Tuzar Z.
Dynamic light scattering from polyaniline particles stabilized by a diblock copolymer
Conference 'LS 99 Data Evaluation in Light Scattering of Polymers', Bad Schandau 1999
Proceedings, P21

A78/00

Sapurina I., Mokeev M., Lavrentyev V., Zgonnik V., Trchová M., Hlavatá D., Stejskal J.
Polyaniline complex with fullerene C₆₀
Eur. Polym. J. 36, 2321–2326 (2000)

G160/00

Trchová M., **Sapurina I.**, Hlavatá D., Prokeš J., Stejskal J.
FTIR study of polyaniline-fullerene complex
International Conference on Science and Technology of Synthetic Metals, Gastein 2000

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A21/02

Stejskal J., **Sapurina I.**, Trchová M., Prokeš J.
The protonation of polyaniline with 3-nitro-1,2,4-triazol-5-one (NTO)
Chem. Mater. 14, 3602-3606 (2002)

A58/02

Sapurina I., Gribanov A., Mokeev M., Zgonnik V., Trchová M., Stejskal J.
Polyaniline composites with fullerene C₆₀
Phys.Solid State 44, 574-575 (2002)

G77/02

Fedorova S., **Sapurina I.**, Stejskal J.
Polyaniline nanofilms produced by surface polymerization of aniline
21st Discussion Conference 'Electrical and Related Properties of Polymers and Other Organic Solids, Prague 2002
Abstracts, P60

G80/02

Trchová M., **Sapurina I.**, Stejskal J.
FTIR spectroscopic study of the protonation of conducting polymer with energetic compound
5th Seminar 'New Trends in Research of Energetic Materials', Pardubice 2002
Proceedings, pp. 339-347

G104/02

Sapurina I., Trchová M., Prokeš J., Stejskal J.
Synthesis of ordered conducting polyaniline nanolayers
4th International Symposium 'Molecular Order and Mobility in Polymer Systems', St. Petersburg 2002
Book of Abstracts, P-122

G117/02

Trchová M., **Sapurina I.**, Prokeš J., Stejskal J.
FTIR spectroscopy of ordered polyaniline films
International Conference on Science and Technology of Synthetic Metals, Shanghai 2002
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G134/02

Trchová M., **Sapurina I.**, Prokeš J., Stejskal J.
FTIR spectroscopy of the protonation of polyaniline with an explosive
21st Discussion Conference 'Electrical and Related Properties of Polymers and Other Organic Solids, Prague 2002
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