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AUSTRIAN - SLOVENIAN
POLYMER MEETING

S1-P7 **GLUCOSE OXIDASE IMMOBILISATION ON DYE ATTACHED CRYOGEL DISCS**

Işık Perçin, Gülsu Şener, Nilay Bereli, Adil Denizli
Hacettepe University, Faculty of Science, 06800 Beytepe/Ankara, Turkey

S1-P8 **EFFECT OF ADDITIVE ACID H3PO4 ON THE PROPERTIES AND THE STORAGE TIME OF COMPOUND FOR THE PRODUCTION OF UREAURETHANES**

Kamila Pietrzak, Małgorzata Markiewicz, Joanna Ryszkowska
Warsaw University of Technology, Faculty of Materials Science and Engineering, Warsaw, Poland

S1-P9 **INFLUENCE OF REACTION CONDITIONS ON THE HYPERCROSSLINKING OF POROUS POLY (4-VINYLBENZYL CHLORIDE) MONOLITHS**

Irena Pulko, Silvester Bolka, Peter Krajnc
Polymer Technology College; Center of Excellence PoliMaT; University of Maribor, Faculty of Chemistry and Chemical Engineering, Slovenia

S1-P10 **REVERSIBLE CROSSLINKING OF ANTHRACENE FUNCTIONALIZED POLYNORBORNENES**

Simone Viola Radl, Benjamin Hirschmann, Thomas Griesser, Wolfgang Kern
PCCL GmbH, University of Leoben, Austria

S1-P11 **CREATING HIERARCHICAL POROSITY IN POLY(STYRENE-CO-DIVINYLBENZENE) POLYHIPES VIA POST POLYMERISATION TREATMENT**

Urška Sevšek (1), Karel Jerabek (1, 2), Peter Krajnc (1, 3)
(1) PolyOrgLab, Faculty of Chemistry and Chemical Engineering, University of Maribor, Slovenia; (2) Institute of Chemical Process Fundamentals of the ASCR, Prague, Czech Republic; (3) Centre of Excellence PoliMaT, Ljubljana, Slovenia

S1-P12 **THIOL-ENE CHEMISTRY AND EMULSION TEMPLATING FOR MICROCELLULAR OPEN POROUS POLYMER PREPARATION**

Maja Sušec (1, 2), Robert Liska (3), Peter Krajnc (1, 2)
(1) Center of Excellence PoliMaT, Tehnološki park 24, Ljubljana, Slovenia; (2) University of Maribor, Faculty of Chemistry and Chemical Engineering, PolyOrgLab, Maribor, Slovenia; (3) Vienna Technical University, Institute of Applied Synthetic Chemistry, Vienna, Austria

S1-P13 **MICROCELLULAR OPEN POROUS POLY(DIVINYL ADIPATE)**

Marko Turnšek, Peter Krajnc
Faculty of chemistry and chemical technology, University of Maribor, Slovenia

S2 — Jupiter hall, right side — SURFACES, INTERFACES AND STRUCTURES

S2-P14 **USE OF MATHEMATICAL MODEL TO DESCRIBE TOPOGRAPHICS PROPERTIES OF POLYMERS**

M. Babič (1), P. Kokol (2), M. Milfelner (3), P. Panjan (4), Igor Belič (5)
(1) Emo-Orodjarna d.o.o., Slovenia; (2) University of Maribor, Faculty of Health Sciences, Slovenia; (3) Tic-Lens d.o.o., Slovenia; (4) Institute Jozef Stefan, Slovenia; (5) Institute of Materials and Technology, Slovenia

S2-P15 **ELECTRICAL CHARACTERISATION OF CONDUCTIVE COMPOSITES MATERIAL BASED INCOMPATIBLE POLYMER MATRIX**

A. Merzouki, N. Haddaoui
Université Ferhat ABBAS de Sétif, Algerie

S2-P16 **MICROSTRUCTURAL MORPHOLOGY OF EVA-COPOLYMER MODIFIED BITUMEN**

S. N. Nahar (1), A. J. M. Schmets (1), A. Scarpas (1), G. Schitter (2)
(1) Structural Mechanics, Faculty of Civil Engineering & Geosciences, Delft University of Technology, Delft, The Netherlands; (2) Automation and Control Institute (ACIN), Vienna University of Technology, Vienna, Austria

S2-P17 **ANCHORING OF ALKYLSILANES AND ALKYLPHOSPHONIC DERIVATES ON COPPER SURFACES**

Philipp Nothdurft, Sonja Feldbacher, Wolfgang Kern
Polymer Competence Center Leoben GmbH, Austria

S2-P18 **SILICA NANOPARTICLES BEARING A PHOTOREACTIVE SHELL FOR CROSLINKING OF POLYMERS AND IMMOBILIZATON OF POLYMER SURFACES**

Gisbert Riess, Nina Muhr, Jörg G. Schaüberger, Wolfgang Kern
University of Leoben (Chair of Chemistry of Polymeric Materials), Austria

S2-P19 **INTEGRATED APPROACH AT SNAP FIT DESIGN**

Jože Tavčar (1), Gašper Resman (2), Jože Duhovnik (1)
(1) Faculty of Mechanical Engineering, University of Ljubljana, Slovenia;
(2) Iskra Mehanizmi, Slovenia

S2-P20 **STRUCTURAL REARRANGEMENTS IN MEMBRANES OF ANIONIC LIPOSOMES INDUCED BY THEIR ADSORPTION ON THE SPHERICAL POLYCATIONIC BRUSHES**

Olga Zaborova, Andrey Sybachin, Viktor Orlov, Alexander Yaroslavov
Lomonosov Moscow State University, Russia

S3 — Concordia hall, left side — POLYMERS FROM RENEWABLE RESOURCES

S3-P21 **STUDIES ON THE KINETICS OF SYNTHESIZING PALM STEARIN ALKYD RESIN**

A.R.N. Azimi
University of Malaya, Kuala Lumpur, Malasya

S3-P22 **POLYURETHANE FOAMS FROM LIQUEFIED CORK AT ATMOSFERIC PRESSURE**

N. V. Gama (1), B. Soares (1), C. S. R. Freire (1), I. Brandão (2), A. Barros-Timmons (1), A. Ferreira (1, 3), C. Pascoal Neto (1)
(1) CICECO and Department of Chemistry, University of Aveiro – Campus Santiago, Aveiro, Portugal; (2) Sapec-Química SA, Ovar, Portugal; (3) Escola Superior de Tecnologia e Gestão de Águeda, Águeda, Portugal.