

SYMPOSIUM SCHEDULE

27 July		
9.00-16.00	Registration	
18.00	Welcome part BSU	
28 July		
Invited Presentations		
9.00-9.25	Opening ceremony Rector of Ivane Javakhishvili Tbilisi State University <i>Co-chairmen: Prof. Omar Mukbaniani</i>	
9.25-9.50	<i>N. Zavrashvili</i> – „Synthesis of biomimetic polymers based on nonproteinogenic α -amino acids” <i>Institute of Chemistry and Molecular Engineering, Agricultural University of Georgia, Kakha Bendukidze University Tbilisi, Georgia</i>	1
9.50-10.15	<i>Efkan Çatiker</i> – Synthesis and characterization of poly(acrylic acid-g- α -alanine) and poly(acrylic acid-g- α -methyl- α -alanine) <i>Department of Chemistry, Ordu University, Cumhuriyet mah. Ordu, Turkey</i>	2 (Online)
10.15-10.40	<i>Jimsher Aneli</i> – „Polymer composites on the basis of the residual polyethylene and modified minerals”. <i>R. Dvali Institute of Machine Mechanics, Tbilisi, Georgia</i>	3
10.40-11.05	<i>Justyna Kozłowska</i> – „Sodium alginate/gelatin-based materials fused with polylactide microparticles as tools to improve the activity of active substance to be administered through the skin” <i>Faculty of Chemistry, Department of Chemistry of Biomaterials and Cosmetics, Nicolaus Copernicus University in Torun, Torun, Poland</i>	4
11.05-11.35	Coffee Break	
<i>Co-chairmen: Prof. Jimsher Aneli</i>		
11.35-12.00	<i>Jozef Haponiuk</i> – „Flame retardant polyolefin blends” . <i>Polymers Technology Department, Faculty of Chemistry, Gdansk University of Technology, Gdansk, Poland</i>	5
12.00- 12.20	<i>K. Chubinidze</i> – „Visualization of subcutaneous hemangioma formation modified with gold nanoparticle infrared fluorescent dye nanocomposite” <i>Institute of Cybernetics of Georgian Technical University, Z. Anjaparidze 5, 0186, Tbilisi, Georgia</i>	6
12.20-12.40	<i>Temur Kantaria</i> – „Biodegradable pseudo-protein-based nanoparticles as ophthalmic drug delivery vehicles”. <i>Institute of Chemistry and Molecular Engineering, Agricultural University of Georgia, Kakha Bendukidze University, Tbilisi, Georgia</i>	7 (Online)
12.40-13.00	<i>Tengiz Kantaria</i> – Synthesis of new 1,2,3-triazole containing poly(ester amide)s and poly(ester ether amide)s” <i>Institute of Chemistry and Molecular Engineering, Agricultural University of Georgia, Kakha Bendukidze University, Tbilisi, Georgia</i>	8 (Online)
13.00-14.00	Lunch Break	
<i>Co-chairmen: Prof. Akaki Peikrishvili, Dr. N. Zavrashvili</i>		
14.00-14.20	<i>Khatuna Barbakadze</i> – „Corrosion resistance of nanoparticle-based antimicrobial coatings”. <i>Tbilisi State Medical University, Faculty of Pharmacy, Department of Medical Chemistry, Tbilisi, Georgia</i>	9

14.20-14.40	<i>Jobin Joy – „Recent advances in elastomeric composites for neutron shielding applications”. Department of Polymer Technology, Faculty of Chemistry, Gdańsk University of Technology, Gdańsk, Poland School of Energy Materials, Mahatma Gandhi University, Priyadarshini Hills, 686560, Kottayam, India</i>	10 (Online)
14.40-15.00	<i>Marina Rukhadze – “Study of process of drug release from microemulsions prepared on the basis of nonionic surfactants” Department of Chemistry, Faculty of Exact and Natural Sciences, Ivane Javakhishvili Tbilisi State University</i>	11
15.00-15.20	<i>Marina Gakhutishvili – „Antibacterial arsenic doped polymer composites in healthcare and hospitals”. Department of Chemistry, Faculty of Exact and Natural Sciences, Ivane Javakhishvili Tbilisi State University</i>	12 (Online)
15.20-15.40	<i>Arnos Hovhannisyan – „Synthesis of monodisperse latexes to create immunodiagnostic drugs Scientific-Technological Center of Organic and Pharmaceutic Chemistry NAS Republic of Armenia</i>	13 (Online)
16.30-17.30	Poster Presentation	1-55 pp.
29 July		
Co-chairmen: <i>Prof. E. Çatker, Dr. T. Tatrishvili</i>		
9.00-9.20	<i>Witold Brostow – „Fire resistance of materials” LAPOM, Department of Materials Science and Engineering, University of North Texas, 3940 North Elm Street, Denton, TX 76207, USA</i>	14 (Online)
9.20-9.40	<i>Douglas B. Grotjahn - Ruthenium-based water oxidation catalysts with a sulfonate-bearing phenanthroline ligand – activities as a function of the second n,n,n ligand. Department of Chemistry and Biochemistry, San Diego State University, 5500 Campanile Drive, San Diego, California, 92182-1030, United States</i>	15 (Online)
9.40-9.55	<i>P. S. Sarath - “Study the impact of ionic liquid modified graphene oxide on the mechanical, thermal, and tribological properties of silicone rubber nanocomposites”. Centre for Nanoscience and Technology, Department of Basic Sciences, Amal Jyothi College of Engineering, Kanjirappally, Kottayam, Kerala, India, 6786518</i>	16 (Online)
9.55-10.15	<i>Rony Thomas Murican – “Keratin based engineered composites for tailored applications”. Department of Polymer Technology Gdańsk University of Technology, Gdańsk, Poland. School of Energy Materials, Mahatma Gandhi University, Priyadarshini Hills, Kattayam, India</i>	17 (Online)
10.20-10.40	<i>L. Mirtskhulava – “Developing and Classifying new polymer materials using artificial intelligence (AI) techniques”. Department of Computer Science, Tbilisi State University, 13. University, 0186 Tbilisi, Georgia</i>	18 (Online)
10.40-11.00	<i>E. Elizbarashvili – “New functional azo dyes on the base of ecofriendly moieties” Agricultural University of Georgia, 240 David Aghmashenebeli alley, 0159 Tbilisi, Georgia</i>	19 (Online)
11.00-11.30	Coffee Break	
Co-chairmen: <i>Prof. Jozef Haponiuk</i>		
11.30-12.00	<i>O. Mukbaniani – „Triethoxysilylated styrene as a new coupling agent in wood composites” Ivane Javakhishvili’ Tbilisi State University, Faculty of Exact and Natural Sciences, Department of Macromolecular Chemistry,, Tbilisi 0179, Georgia</i>	20
12.00-12.25	<i>S. N. Sreenivasan – “Recent Advancements In Agrospect Based Polymer Composites And Bionanocomposites.” Department of Mechanical Engineering, Adishankara Institute of Engineering and Technology, Kalady, 675374, Ernakulam Kerala.</i>	22 (Online)

12.25-13.00	<i>Lukasz Zedler – “Rubber Recycling - Current Trends, Problems And Future Development”.</i> <i>Department of Polymer Technology, Faculty of Chemistry, Gdańsk University of Technology, Gabriela Narutowicza 11/12 Str., 80-233 Gdańsk, Poland.</i>	23 (Online)
13.00-14.00	Lunch Break	
Co-chairmen: Prof. Justyna Kozłowska		
14.00-14.10	<i>Tomy Muringayil Joseph – „Challenges In Polymer Nanocomposite Processing Techniques”.</i> <i>Department of Polymer Technology, Faculty of Chemistry, Gdańsk University of Technology, Gabriela Narutowicza 11/12 Str., 80-233 Gdańsk, Poland .</i> <i>International and Inter University Centre for Nanoscience and Nanotechnology, Mahatma Gandhi University, Kottayam, India</i>	25 (Online)
14.10-14.20	<i>Mereena Luke – ” Biopolymers For Biomedical And Pharmaceutical Applications: Recent Advances And Overview On Polysaccharide-Based Systems”.</i> <i>Department of Polymer Technology, Faculty of Chemistry, Gdańsk University of Technology, Gabriela Narutowicza 11/12 Str., 80-233 Gdańsk, Poland .</i> <i>International and Inter University Centre for Nanoscience and Nanotechnology, Mahatma Gandhi University, Kottayam, India</i>	26 (Online)
14.20-14.40	<i>K.M. Praveen – “Investigations on the effect of epdm content on mechanical, morphological, rheological and thermal properties of PP/EPDM blends”.</i> <i>Department of Mechanical Engineering, Muthoot Institute of Technology & Science, Puthenkurish, Varikoli, Kerala 682308, India</i>	27 (Online)
14.40-15.00	<i>N. A. Durgaryan – “Heterocyclic unit containing conjugated electroactive polymers, on the base of p-,m-phenylenediamines”.</i> <i>Yerevan State University Armenia, 375025, Yerevan, A. Manoogian 1,</i>	28 (Online)
15.30-16.30	Poster presentation	56-113 pp
15.50-16.30	Meeting of the Scientific Council. Award to the young scientists:	28
	30 July	
9.00	Excursion in Kakheti, Signabi Galla dinner	