

Izveštaj o radu Sekcija Srpskog hemijskog društva (SHD)

Sekcija SHD	Sekcija za hemiju i tehnologiju vlakana i tekstila		
	Predsednik	Sekretar	Izborni period
	Darka Marković	Matea Korica	2024-2027
Predstavnik Sekcije u Upravnom odboru SHD	Darka Marković		
Broj članova Sekcije	10		
Konferencije/skupovi u organizaciji Sekcije	-		
Učešće članova Sekcije na konferencijama/skupovima	Članovi Sekcije su u toku 2024. godine učestvovali na više međunarodnih konferencija sa naučnim radovima objavljenim u celini ili izvodu. Aleksandra Ivanovska, Jute Fabric Waste as a Promising Adsorbent for Heavy Metal Ions and Organic Dyes: a Comprehensive Review, Book of abstracts of 2nd TwiNSol-CECs Workshop "Advanced water treatments in emerging contaminants mitigation with cutting-edge technologies", p. 45, June 6-7, 2024, Novi Sad, Srbija. A. Kovačević, M. Radoičić, D. Marković, Z. Šaponjić, M. Radetić, Recycled jute nonwoven material modified with PANI/TiO₂ nanocomposite for removal of metal ions from water, AUTEX 2024 Conference, June 17-19, 2024, Liberec, Czech Republic M. Radoičić, A. Kovačević, D. Marković, Z. Šaponjić, M. Radetić, Modification of recycled jute nonwoven material with PANI/TiO₂ nanocomposite for removal of Zn²⁺ ions from water, 85th Prague Meeting on Macromolecules, Polymers for sustainable future 2024, June 24-27, 2024, Prague, Czech Republic. D. Marković, M. Radetić, J. Petkovska, N. Mladenovic, M. Radoičić, N. A. Vest, B. Palen, J. C. Grunlan, I. Jordanov, Multifunctional cotton fabric with chitosan/lignin multilayer nanocoating and Ag nanoparticles, 8th the International Conference on Functional Nanomaterials and Nanodevices 2024 (NANOMAT2024) August 25–28, 2024, Vienna, Austria, Book of Abstracts (ISSN 2603-4239) 166. M. Radetić, D. Marković, J. Petkovska, M. Radoičić, J. C. Grunlan, I. Jordanov, Multilayer PDDA-based nanocoatings with lignin, pectin and carrageenan decorated with Ag nanoparticles for antibacterial and UV protective cotton fabric, 8th the International Conference on Functional Nanomaterials and Nanodevices 2024 (NANOMAT2024) August 25–28, 2024, Vienna, Austria, Book of Abstracts (ISSN 2603-4239) 185. M. Kalanj, T. Kalanj, S. Stankovic, Towards improving measurement method for mechanical properties of textured		

filament/elastane hybrid yarns, Proceedings of VII International Scientific Conference CT&ITI, Belgrade, 19-20th September, 2024, 109-115.

7. T. Adzic, **S. Stankovic**, Theoretical Analysis of compression of rib knitted fabrics, Proceedings of VII International Scientific Conference CT&ITI, Belgrade, 19-20th September, 2024, 206-213.

8. **M. Kostić**, M. Milošević, B. Obradović, **M. Korica**, A. Vesel, A. Ivanovska, M. Kuraica, Z. Svirčev, Effect of plasma treatment on surface chemistry and morphology of jute fibers, Programme and The Book of Abstracts/Twenty-fifth Jubilee Annual Conference YUCOMAT 2024 & Thirteenth World Round Table Conference on Sintering XIII WRTCS 2024, Herceg Novi, Montenegro, September 2 to 6, 2024, 47.

9. Leposava Pavun, Magdalena Marjanović, **Aleksandra Ivanovska**, Characterization of Chokeberry Pomace Extract and its Utilization for Dyeing and Functionalization of Fabrics, Book of Abstracts of 27th Congress of Chemists and Technologists of Macedonia, p. 210, September 25-28, 2024, Ohrid, North Macedonia.

10. Jelena Lađarević, Anita Lazić, Marija Dimitrijević, Aleksandra Mašulović, Luka Matović, Dušan Mijin, **Aleksandra Ivanovska**, Sustainable dyeing of the fabrics by using azo pyridone dyes with improved water solubility, Proceedings of 30th International Symposium on Analytical and Environmental Problems, pp. 331-334, October 7-8, Szeged, Hungary.

Osim usmenih i posterskih saopštenja na međunarodnim skupovima članovi sekcije su takođe održali plenarna predavanja i predavanja po pozivu.

Plenarno predavanje:

1. **M. Korica**, M. Kostic, Bioactive textile materials based on cellulose and chitosan, 7th International Scientific Conference Contemporary Trends and Innovations in Textile Industry – CT&ITI 2024, Plenary lectures, Belgrade, Serbia, September 2024, 3-13, DOI: 10.5937/CT_ITI24001K.

2. **M. Kostic**, Cellulose: from Natural to Novel Cellulose-based Functional Materials, Bok of Abstracts of the 27th Congress of the Society of Chemists and Technologists of Macedonia, 25–28 September 2024, Ohrid, N. Macedonia.

Predavanje po pozivu:

1. **M. Korica**, M. Kostić, Packaging based on cellulose, TEMPO-oxidized cellulose nanofibrils and chitosan for extending the shelf life of food, XXV International Symposium in the Field of Pulp, Paper, Packaging and Graphics, Belgrade, Serbia, June, 2024, 11-18.

2. **Kostić Mirjana**, Kramar Ana, Obradović Bratislav Kuraica Milorad, Atmospheric pressure plasma in processing of cellulose fibers: from surface cleaning to tailored properties, Contributed papers & abstracts of invited lectures, topical invited lectures and progress reports / 32nd Summer School and International Symposium on the

	Physics of Ionized Gases - SPIG 2024, August 26 – 30, 2024, Belgrade, Serbia, 2024, 102 3. Kostić Mirjana, Kramar Ana, Obradović Bratislav Kuraica Milorad, Atmospheric pressure plasma in processing of cellulose fibers, proceedings of the XV Belarusian-Serbian symposium “Physics and diagnostics of laboratory and astrophysical plasmas” (PDP-15): September 09–14, 2024, Minsk, Belarus = ТРУДЫ XV БЕЛОРУССКО-СЕРБСКОГО СИМПОЗИУМА "ФИЗИКА И ДИАГНОСТИКА ЛАБОРАТОРНОЙ И АСТРОФИЗИЧЕСКОЙ ПЛАЗМЫ" (ФДП-15) 09–14 сентября 2024 г., Минск, Беларусь, 2024, 13-14
Predavanja članova Sekcije	-
Ostale aktivnosti	Sastanak sekcije za hemiju i tehnologiju vlakana i tekstila u okviru koje su izabrani predsednik i sekretar sekcije za novi izborni period.

U slučaju dodatnih aktivnosti tokom novembra i decembra (između sastanka Upravnog odbora krajem tekuće godine i Godišnje skupštine SHD naredne godine) potrebno je dopuniti Godišnji izveštaj.

U godini izbora u okviru Sekcije, samim tim i predstavnika Sekcije u Upravnom odboru SHD, uz Godišnji izveštaj obavezno je priložiti i zapisnik o održanim izborima u skladu sa Pravilnikom o radu sekcija SHD.