



Република Србија

УБ

Универзитет у Београду
Факултет за физичку хемију, Београд



Оснивач: Република Србија

Дозволу за рад број 612-00-02666/2010-04 од 12. октобра 2011.
године је издало Министарство просвете и науке Републике Србије

Диплома

Ненад, Page, Филиповић

рођен 25. новембра 1984. године у Нишу, Медијана, Република Србија, уписан
школске 2011/2012. године, а дана 28. септембра 2018. године завршио је докторске
академске студије, прећео стручена, на студијском програму Физичка хемија,
одима 180 (сто осамдесет) бодова ЕСПБ са просечном оценом 9,43 (девет и 43/100).

Наслов докторске дисертације је: „Синтеза и карактеризација
биокомпозита иоли (ε-капролактон) / наночестице селена“.

На основу тога издаје му се ова диплома о стеченом научном називу
доктор наука – физичкохемијске науке

Број: 9522800

У Београду, 15. марта 2019. године

Декан
Проф. др Гордана Ђурић-Марјановић

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Проф. др Иванка Поповић

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00095317

Прилог 2

Република Србија
МИНИСТАРСТВО ПРОСВЕТЕ,
НАУКЕ И ТЕХНОЛОШКОГ РАЗВОЈА
Комисија за стицање научних звања

Број: 660-01-00001/616

15.07.2019. године

Београд

На основу члана 22. став 2. члана 70. став 4. Закона о научноистраживачкој делатности ("Службени гласник Републике Србије", број 110/05, 50/06 – исправка, 18/10 и 112/15), члана 3. ст. 1. и 3. и члана 40. Правилника о поступку, начину вредновања и квантитативном исказивању научноистраживачких резултата истраживача ("Службени гласник Републике Србије", број 24/16, 21/17 и 38/17) и захтева који је поднео

Институт за техничких наука САНУ у Београду

Комисија за стицање научних звања на седници одржаној 15.07.2019. године, донела је

ОДЛУКУ О СТИЦАЊУ НАУЧНОГ ЗВАЊА

Др Ненад Филићовић

стиче научно звање

Научни сарадник

у области природно-математичких наука - хемија

ОБРАЗЛОЖЕЊЕ

Институт за техничких наука САНУ у Београду

утврдио је предлог број 419/2 од 23.11.2018. године на седници Научног већа Института и поднео захтев Комисији за стицање научних звања број 447/1 од 04.12.2018. године за доношење одлуке о испуњености услова за стицање научног звања *Научни сарадник*.

Комисија за стицање научних звања је по претходно прибављеном позитивном мишљењу Матичног научног одбора за хемију на седници одржаној 15.07.2019. године разматрала захтев и утврдила да именовани испуњава услове из члана 70. став 4. Закона о научноистраживачкој делатности ("Службени гласник Републике Србије", број 110/05, 50/06 – исправка, 18/10 и 112/15), члана 3. ст. 1. и 3. и члана 40. Правилника о поступку, начину вредновања и квантитативном исказивању научноистраживачких резултата истраживача ("Службени гласник Републике Србије", број 24/16, 21/17 и 38/17) за стицање научног звања *Научни сарадник*, па је одлучила као у изреци ове одлуке.

Доношењем ове одлуке именовани стиче сва права која му на основу ње по закону припадају.

Одлуку доставити подносиоцу захтева, именованом и архиви Министарства просвете, науке и технолошког развоја у Београду.

ПРЕДСЕДНИК КОМИСИЈЕ

Борислав Јовановић

Др Ђурђица Јововић,

научни саветник



Прилог 3

Извештај о цитираности радова др Ненада Филиповића
на основу база података Web of Science и Scopus, 8. децембар 2023. године

Укупно цитата: 405

Укупно хетероцитата: 357

Н-индекс = 8

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Прилог 4

To
**Ministry of Science,
Technological Development
and Innovation of the Republic of Serbia**

SUBJECT: CONFIRMATION LETTER

To Whom It May Concern,

We hereby confirm that **Dr. Nenad Filipović**, research associate at the Institute of Technical Sciences SASA, in the period 2016-2018th managed the project task: *Synthesis of polymeric microspheres as cell-supporting scaffolds with an encapsulated contrast agent*, within the project "**Imaging labeled biomaterials for cell therapy follow-up by Magnetic Resonance Imaging**". The project was funded by the Italian Ministry of Foreign Affairs and International Cooperation as a research project of particular relevance - "**Grande Rilevanza**", within the frame of the executive program of scientific and technological cooperation between the Italian Republic and the Republic of Serbia for the years 2016-2018. <https://prosveta.gov.rs/vesti/arhiva-italija/>.

Project coordinators:



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Firmato digitalmente da Giuseppe Digilio
Data: 07.12.2023 12:16:31 CET
Organizzazione: UNIVERSITA' DEGLI
STUDI DEL PIEMONTE
ORIENTALE/01943490027

Прилог 5

Subject **Резултати административне провере у оквиру програма
Доказ концепта**
From Fond za nauku - poc <poc@fondzanauku.gov.rs>
Date 2023-11-10 08:44



Поштовани/а,

Обавештавамо Вас да је Предлог пројекта који сте поднели у оквиру програма Доказ концепта задовољио критеријуме административне провере и да се упућује у даљи поступак евалуације.
Након окончања евалуације, добићете обавештење о исходу.

Срдачан поздрав,

Сектор за програме и пројекте - програм Доказ концепта
Фонд за науку Републике Србије
Улица 27. марта 39/II, Београд
<http://fondzanauku.gov.rs/>

Materials Research Society of Serbia & Institute of Technical Sciences of SASA

award

Nenad Filipović

For the best oral presentation at the Seventeenth Young Researchers' Conference

- Materials Science and Engineering
held on December 5-7, 2018, in Belgrade, Serbia

Presentation named "Biodegradable microparticles as a scaffolds for cell therapy" was declared the best oral presentation at the 17YRC 2018, considering the quality of research (originality and actuality) and the quality of presentation (clarity, terminology and assurance).

President of the Programming
and Organizing Committee

Smilja Marković

Dr. Smilja Marković



COST is supported by the EU Framework
Programme Horizon 2020

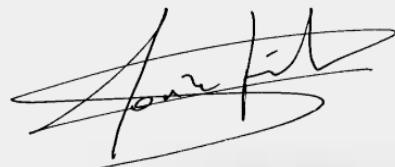
Dr. Federico Soria Gálvez

Chairman of the **COST Action CA16217**, “European network of multidisciplinary research to improve the urinary stents”, certifies that

Nenad Filipovic

Has participated as *attendee* in the Workshop “**Materials, Technology, and Biomimetics as enabling tools for a new generation of Urinary Stents**”, held in Sofia, Bulgaria, from 31st January to 2nd February 2019, presenting the oral communication entitled:

Poly (ϵ -caprolactone) microspheres with immobilized selenium nanoparticles for the prevention of bacterial infections



Dr. Federico Soria Gálvez
Coordinador of the Endoscopy Unit, JUMISC
Chairman of the COST Action CA16217



28. MEDNARODNA
KONFERENCA
O MATERIALIH
IN TEHNOLOGIJAH

28TH INTERNATIONAL
CONFERENCE
ON MATERIALS
AND TECHNOLOGY

CERTIFICATE OF ATTENDANCE

Nenad Filipović

Oral presentation

**Selenium nanoparticles: Effects of
particle properties on biological activity**

Portorož, 11. 10. 2023



Inštitut
za kovinske materiale
in tehnologije
Ljubljana

2

Conference Chair
A/Prof Matjaž Godec



Održano predavanje „Nanotehnologija-osnovni pojmovi i primena“

Dr Nenad Filipović sa Instituta tehničkih nauka Srpske akademije nauka i umetnosti održao je danas gostujuće predavanje za studente I, II i III godine. Tema predavanja je bila *Nanotehnologija-osnovni pojmovi i primena*.

Dr Filipović je studentima predstavio pojmove *nanotehnologija* i *nanomaterijali*, trenutne i buduće generacije nanomaterijala, primenu nanotehnologije u kontrolisanoj dostavi lekova, terapiji matičnim ćelijama, dijagnostičkim sistemima i drugim oblastima. On je ukazao na potrebu komercijalizacije nanotehnologije i predstavio model komercijalizacije proizvoda nanothenologije u 10 koraka.

Više fotografija možete videti na Facebook stranici Fakulteta.

UNIVERSITY OF BELGRADE
SCHOOL OF ELECTRICAL ENGINEERING

Željko V. Janićijević

**COMPOSITE RESERVOIRS WITH
CROSSLINKED POLY(ACRYLIC ACID)
HYDROGEL FOR CONTROLLED DRUG
DELIVERY VIA NONSPECIFIC ELECTRICAL
INTERACTIONS**

Doctoral Dissertation

Belgrade, 2020

UNIVERZITET U BEOGRADU
ELEKTROTEHNIČKI FAKULTET

Željko V. Janićijević

**KOMPOZITNI REZERVOARI SA UMREŽENIM
HIDROGELOM POLI(AKRILNE KISELINE) ZA
KONTROLISANU DOSTAVU LEKOVA PUTEM
NESPECIFIČNIH ELEKTRIČNIH INTERAKCIJA**

doktorska disertacija

Beograd, 2020

Acknowledgments

Multidisciplinary research performed during my Ph.D. journey could not be completed without the support of many institutions and benevolent individuals.

I conducted the major part of experimental research related to this dissertation in the laboratories of the following institutions:

- Institute of Technical Sciences of the Serbian Academy of Sciences and Arts,
- School of Electrical Engineering, The Department of Microelectronics and Technical Physics, and
- Vinča Institute of Nuclear Sciences, Department of Radiation Chemistry and Physics.

Experiments mainly conducted by the coauthors were also performed at the Faculty of Technology and Metallurgy and at the Institute for Biological Research "Siniša Stanković".

The research was supported by the Ministry of Education, Science and Technological Development of the Republic of Serbia.

I would like to express my deep gratitude to Dr. Filip Radovanović for his patient and professional guidance, enthusiastic encouragement along the way, and countless hours of valuable discussions. His extensive experience in membrane technology was essential to the success of this research endeavor.

I would like to offer my special thanks to Prof. Dejan Raković for his generous help during the initial stages of my Ph.D. research and his continuous devotion to the sharing of knowledge. I want to express my appreciation to Asst. Prof. Miloš Vujišić for his guidance during my Ph.D. studies and valuable insights regarding the use of gamma irradiation in my research. I wish to thank Prof. Magdalena Stevanović for including me in different research activities related to biomaterials science and engineering, for the numerous helpful discussions, and for her continuous support throughout my Ph.D. studies. Prof. Olivera Ciraj-Bjelac provided constructive suggestions and advice about the experiments involving gamma irradiation. Discussions on the modeling of drug release with Prof. Bojana Obradović have been insightful and I appreciate her detailed feedback on the dissertation content.

I am particularly grateful for the valuable contributions of my coauthors: Prof. Milena Kataranovski, Asst. Prof. Đorđe Veljović, Dr. Marina Ninkov, and Dr. Ivica Vujičić. Working with you was a rewarding experience. I am also grateful to Dr. Nenad Filipović for his assistance with thermal analysis experiments, his constructive advice, and his practical suggestions. Special thanks to Assoc. Prof. Peda Mihailović who kindly provided some of the equipment and resources required to conduct electrical characterization experiments. Iontophoresis experiments would not be possible without the Assoc. Prof. Filip Bihelović who skillfully made the side-by-side cell. Thanks should also go to Dr. Ana Stanković and Dr. Miodrag Lukić for their encouragement and assistance on numerous occasions.

I am deeply indebted to Petar Atanasijević for his relentless support during my Ph.D. years and the great effort he invested together with me in constructing the electronics required for different experiments. His contagious enthusiasm gave me additional energy along the way.

I thank my parents and my brother for their support throughout the many years of my academic endeavors.

Finally, I want to thank my wife Nataša Janićijević for her patience, continuous encouragement, and tremendous support throughout my numerous research efforts. She designed the illustrations in **Figures 1.1, 2.1-2.4, and 5.2**.

UNIVERZITET U BEOGRADU
FARMACEUTSKI FAKULTET

DUŠAN J. UŠJAK

**UTICAJ NOVOSINTETISANIH DERIVATA
HALKONA NA RAST, PRODUKCIJU
BIOFILMA I FAKTORE VIRULENCIJE
MULTIREZISTENTNIH SOJEVA
*ACINETOBACTER BAUMANNII***

doktorska disertacija

Beograd, 2021

UNIVERSITY OF BELGRADE
FACULTY OF PHARMACY

DUŠAN J. UŠJAK

**INFLUENCE OF NEWLY-SYNTHESIZED
CHALCONE DERIVATIVES ON GROWTH,
BIOFILM PRODUCTION, AND VIRULENCE
FACTORS EXPRESSION OF
MULTIRESISTANT *ACINETOBACTER*
BAUMANNII STRAINS**

Doctoral Dissertation

Belgrade, 2021

ZAHVALNICA

Ova doktorska disertacija urađena je na Katedri za mikrobiologiju i imunologiju Farmaceutskog fakulteta Univerziteta u Beogradu i predstavlja plod saradnje mnogih osoba sa različitim institucijama kojima sam neizmerno zahvalan. Ipak, izdvojio bih nekoliko osoba kojima dugujem posebnu zahvalnost:

Na prvom mestu, prof. dr Marini Milenković, mom mentoru, koja mi je nesebično i s velikim entuzijazmom prilikom svakog našeg susreta prenosila svoje bogato znanje i iskustvo. Takođe, profesorki idu najveće zasluge za kreiranje teme i celokupnog koncepta doktorata, a posebno sam joj zahvalan na poverenju koje mi je ukazivala od prvog dana i što mi je pružila neophodnu slobodu i samopouzdanje u osmišljavanju i izvođenju eksperimentalnog rada.

Zahvalnost dugujem i prof. dr Dragani Božić, koja mi je predstavljala veliku podršku, posebno na početku doktorskih studija, kada je bila spremna u svakom trenutku da mi pomogne u rešavanju bilo kakvih dilema. Hvala joj što je sa mnom podelila svoje bogato znanje, kao i na svim savetima koji su mi bili od izuzetne koristi.

Prof. dr Branki Ivković, koja je sintetisala hemijska jedinjenja bez kojih sprovođenje eksperimenta ne bi bilo moguće i koja je takođe uvek bila spremna da pomogne i pruži korisne savete.

Dr Magdaleni Stevanović i dr Nenadu Filipoviću, koji su me teorijski i praktično naučili kako se izvodi karakterizacija ispitivanih materijala. Hvala im i na izuzetno uspešnoj saradnji u eksperimentalnom radu istraživačke oblasti koja nije pokrivena u ovoj disertaciji, a koja je takođe dovela do postizanja visoko kvalitetnih rezultata objavljenih u časopisima od međunarodnog značaja.

Posebno sam zahvalan dr Miroslavu Diniću, koji mi je preneo svoje dragoceno iskustvo i znanje, i pokazao kako na visoko profesionalan način treba da se pristupa istraživačkoj problematici. Svojim vrlo pedantnim pristupom eksperimentalnom radu dao mi je izuzetan primer i ukazao na mnoge detalje koji su mi bili i biće od neprocenjivog značaja.

Hvala i svim ostalim članovima Katedre za mikrobiologiju i imunologiju, profesorima Jeleni, Neveni, Zorici, Brankici i Biljani, docentu Ivanu, kao i tehničarkama Nataši i Vesni na svakodnevnoj podršci i pomoći.

Zahvalan sam i doktorkama Jasni Perić, Lidiji Bošković, Mirjani Kovačević, Snežani Tomanović i Branki Stošović, koje su nam nesebično ustupile kliničke izolate *Acinetobacter baumannii*, bez kojih sprovođenje eksperimentalnog rada disertacije ne bi bilo izvodljivo.

Na kraju, zahvaljujem se svojoj porodici, mom bratu Ljubošu i svojim roditeljima, koji su mi oduvek bili i ostali najvernija podrška.

**Univerzitet u Beogradu
Fakultet za fizičku hemiju**

Andela I. Mitrović Rajić

**Mehanohemijska i termička modifikacija pirofilita
za primenu u elektrohemijskim senzorima
i membranama**

doktorska disertacija

Beograd, 2023

**University of Belgrade
Faculty of physical chemistry**

Andela I. Mitrović Rajić

**Mechanochemical and thermal modification of
pyrophyllite for use in electrochemical sensors
and membranes**

Doctoral Dissertation

Belgrade, 2023

Zahvalnica

Najveću zahvalnost dugujem mentoru dr Jasmini Grbović Novaković, naučnom savetniku Instituta za nuklearne nauke „Vinča” na korisnim savetima i uputstvima tokom izrade ove doktorske disertacije.

Posebnu zahvalnost dugujem i dr Ivani Stojković Simatović, vanrednom profesoru Fakulteta za fizičku hemiju, Univerziteta u Beogradu koja je kao mentor sa Fakulteta svojim korisnim savetima i predlozima pomogla tokom izrade ove doktorske disertacije.

Zahvaljujem prof. dr Nikoli Cvjetićaninu, redovnom profesoru Fakulteta za fizičku hemiju, Univerziteta u Beogradu i prof. dr Biljani Šljukić Paunković, redovnom profesoru Fakultet za fizičku hemiju, Univerziteta u Beogradu na korisnim savetima.

Zahvalnost dugujem i dr Nenadu Filipoviću, naučnom saradniku Instituta tehničkih nauka Srpske akademije nauka i umetnosti uz čiju veliku pomoć su urađene infracrvena spektroskopija sa Furijevom transformacijom, diferencijalna termalna analiza i termogravimetrijska analiza.

Zahvaljujem dr Bojani Paskaš Mamula, naučnom saradniku Instituta za nuklearne nauke „Vinča” na pomoći pri diskusiji eksperimentalnih rezultata i korisnoj razmeni mišljenja i dr Jeleni Milićević, višem naučnom saradniku Instituta za nuklearne nauke „Vinča” na pomoći i savetima tokom izrade elektrohemihskih eksperimenata.

Potom se zahvaljujem dr Silvani Dimitrijević, višem naučnom saradniku Instituta za rudarstvo i metalurgiju Bor za karakterizaciju uzoraka skenirajućom elektronskom mikroskopijom.

Zahvaljujem se i dr Ani Stanković, naučnom saradniku sa Instituta tehničkih nauka Srpske akademije nauka i umetnosti, uz čiju pomoć je urađena raspodela veličine čestica.

Veliku zahvalnost dugujem kompaniji A.D. Harbi na obezbeđenom materijalu.

Zahvalnost dugujem i svojim kolegama unutar grupe na podršci tokom izrade ove doktorske disertacije. Zahvaljujem prijateljima na razumevanju i podršci tokom izrade.

Neizmernu zahvalnost dugujem i svom suprugu Vladimиру na podršci, savetima i beskrajnom stavljanju tokom izrade ove doktorske disertacije.

Ovu doktorsku disertaciju posvećujem svojim najbližima: majci, baki, tetki, teći, sestri, bratu i svom suprugu Vladimиру koji su imali strpljenja i bili svakodnevno uz mene kao velika podrška. Hvala!!!



ИЗВЕШТАЈ О ИЗРАДИ СТРУЧНЕ ПРАКСЕ

ИМЕ И ПРЕЗИМЕ СТУДЕНТА:	Данијела Текић	
БРОЈ ИНДЕКСА:	210/2021	
ИНСТИТУЦИЈА У КОЈОЈ ЈЕ РЕАЛИЗОВАНА СТРУЧНА ПРАКСА:	Институт техничких наука САНУ	
СТУДЕНТ ЈЕ У РАДНОМ ОДНОСУ У ИНСТИТУЦИЈИ	ДА ¹	НЕ
УКОЛИКО ЈЕ ОДГОВОР НЕ ПОПУНИТИ ПОЉА У НАСТАВКУ		
БРОЈ УГОВОРА О РЕАЛИЗАЦИЈИ СТРУЧНЕ ПРАКСЕ:	193/2 од 27.04.2022.	
ОДГОВОРНО ЛИЦЕ/МЕНТОР:	др Смиља Марковић	
ПЕРИОД РЕАЛИЗАЦИЈЕ СТРУЧНЕ ПРАКСЕ:	9-13. мај 2022. год.	

Попуњава институција у којој је реализована стручна пракса

ОПИС РАДА У ТОКУ ИЗРАДЕ СТРУЧНЕ ПРАКСЕ / ОПИС ПОСЛОВА ЗАПОСЛЕНОГ СТУДЕНТА

У току свог рада у ИТН САНУ, мастер студент Данијела Текић била је упозната са различitim методама процесирања и карактеризације материјала, којима се ми у ИТН САНУ бавимо.

У оквиру стручне праксе у ИТН САНУ Данијела Текић је учествовала у:

1. синтези наноструктурног цинк оксида поступком микроталасног процесирања (са др Аном Станковић)
2. ФТИР карактеризацији (са др Сузаном Филиповић)
3. ДСЦ карактеризацији (са др Мајом Јовић)
4. одређивању расподеле величина честица (са др Зораном Стојановићем)
5. ТГ/ДТА карактеризацији (са др Ненадом Филиповићем)
6. дилатометријској карактеризацији (са др Небојшом Лабусом) и
7. одређивању оптичких карактеристика материјала методама фотолуминисцентне и УВ Вис ДРС спектроскопије (са др Иваном Динић)

ДАТУМ:

23. мај 2022.

ПОТПИС ОДГОВОРНОГ ЛИЦА/МЕНТОРА

Попуњава Факултет за физичку хемију

На основу достављеног извештаја о изради стручне праксе констатује се да је студент _____, бр. индекса _____, испунио обавезе предвиђене планом и програмом мастер академских студија физичке хемије у обиму од 3 ЕСПБ.

ДАТУМ:

Надлежни продекан

¹ Уколико је студент у радном односу потребно је доставити и потврду од стране послодавца.

Programme and the Book of Abstracts

**TWENTY-FIRST YOUNG RESEARCHERS' CONFERENCE
MATERIALS SCIENCE AND ENGINEERING**

Belgrade, November 29 – December 1, 2023



**TWENTY-FIRST YOUNG RESEARCHERS' CONFERENCE
MATERIALS SCIENCE AND ENGINEERING**

November 29 – December 1, 2023, Belgrade, Serbia

Program and the Book of Abstracts

**Materials Research Society of Serbia
&
Institute of Technical Sciences of SASA**

2023

Book title:

Twenty-First Young Researchers' Conference - Materials Science and Engineering:
Program and the Book of Abstracts

Publisher:

Institute of Technical Sciences of SASA
Knez Mihailova 35/IV, 11000 Belgrade, Serbia
Tel: +381-11-2636994, 2185263, <http://www.itn.sanu.ac.rs>

Conference organizers:

Materials Research Society of Serbia, Belgrade, Serbia
Institute of Technical Sciences of SASA, Belgrade, Serbia

Editor:

Dr. Smilja Marković

Technical Editor:

Aleksandra Stojičić and Dr. Ivana Dinić

Cover page: Smilja Marković

Cover: Nebojša Labus

Printing:

Gama digital centar
Autoput No. 6, 11070 Belgrade, Serbia
Tel: +381-11-6306992, 6306962
<http://www.gdc.rs>

Publication year: 2023

Print-run:

120 copies

CIP - Каталогизација у публикацији

Народна библиотека Србије, Београд

66.017/.018(048)

YOUNG Researchers Conference Materials Sciences and Engineering (21 ; 2023 ; Beograd)

Program ; and the Book of abstracts / Twenty-first Young Researchers' Conference Materials Science and Engineering, November 29 – December 1, 2023, Belgrade, Serbia ; [organizers] Materials Research Society of Serbia & Institute of Technical Sciences of SASA ; [editor Smilja Marković]. - Belgrade : Institute of Technical Sciences of SASA, 2023 (Belgrade : Gama digital centar). - XX, 99 str. ; 23 cm

Tiraž 120. - Registar.

ISBN 978-86-80321-38-7

а) Наука о материјалима -- Апстракти б) Технички материјали -- Апстракти

COBISS.SR-ID 130053385

Aim of the Conference

Main aim of the conference is to enable young researchers (post-graduate, master or doctoral student, or a PhD holder younger than 35) working in the field of materials science and engineering, to meet their colleagues and exchange experiences about their research.

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THIRTEENTH YOUNG RESEARCHERS' CONFERENCE MATERIALS SCIENCE AND ENGINEERING

December 10-12, 2014, Belgrade, Serbia
Serbian Academy of Sciences and Arts, Knez Mihailova 36

PROGRAMME & THE BOOK OF ABSTRACTS

Materials Research Society of Serbia
&
Institute of Technical Sciences of SASA

December 2014, Belgrade, Serbia

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**December 10-12, 2014, Belgrade, Serbia
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Program and the Book of Abstracts

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&
Institute of Technical Sciences of SASA**

December 2014, Belgrade, Serbia

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Thirteenth Young Researchers' Conference - Materials Science and Engineering:
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Publisher:

Institute of Technical Sciences of SASA
Knez Mihailova 35/IV, 11000 Belgrade, Serbia
Tel: +381-11-2636994, fax: 2185263
<http://www.itn.sanu.ac.rs>

Editor:

Dr. Smilja Marković

Technical Editor:

Aleksandra Stojičić

Cover page: Aleksandra Stojičić and Milica Ševkušić

Cover photo: Author: Rudolf Getel

Source: Flickr (www.flickr.com/photos/rudolfgetel/4280176487)

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Printer:

Gama digital centar
Autoput No. 6, 11070 Belgrade, Serbia
Tel: +381-11-6306992, 6306962
<http://www.gdc.rs>

Edition:

130 copies

CIP - Каталогизација у публикацији - Народна библиотека Србије, Београд
66.017/.018(048)

YOUNG Researchers Conference Materials Sciences and Engineering (13th ; 2014 ; Beograd)

Program ; and the Book of Abstracts / Thirteenth Young Researchers' Conference Materials Sciences and Engineering, December 10-12, 2014, Belgrade, Serbia ; [organized by] Materials Research Society of Serbia [and] Institute of Technical Sciences of SASA ; [editor Smilja Marković]. - Belgrade : Institute of Technical Sciences of SASA, 2014 (Beograd : Gama digital centar). - XXII, 64 str. ; 30 cm

Tiraž 130. - Registrar.

ISBN 978-86-80321-30-1

1. Materials Research Society of Serbia (Beograd)

a) Наука о материјалима - Апстракти b) Технички материјали - Апстракти

COBISS.SR-ID 211670028

Aim of the Conference

Main aim of the conference is to enable young researchers (post-graduate, master or doctoral student, or a PhD holder younger than 35) working in the field of materials science and engineering, to meet their colleagues and exchange experiences about their research.

Topics

New synthesis and processing methods
Materials for high-technology applications
Theoretical modelling of materials
Nanostructured materials
Biomaterials

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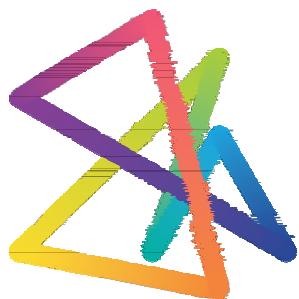
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Results of the Conference

Beside printed «Program and the Book of Abstracts», which is disseminated to all conference participants, selected and awarded peer-reviewed papers will be published in journals “Tehnika – Novi Materijali” and “Processing and Application of Ceramics”. The best presented papers, suggested by Session Chairpersons and selected by Awards Committee, will be proclaimed at the Closing Ceremony.

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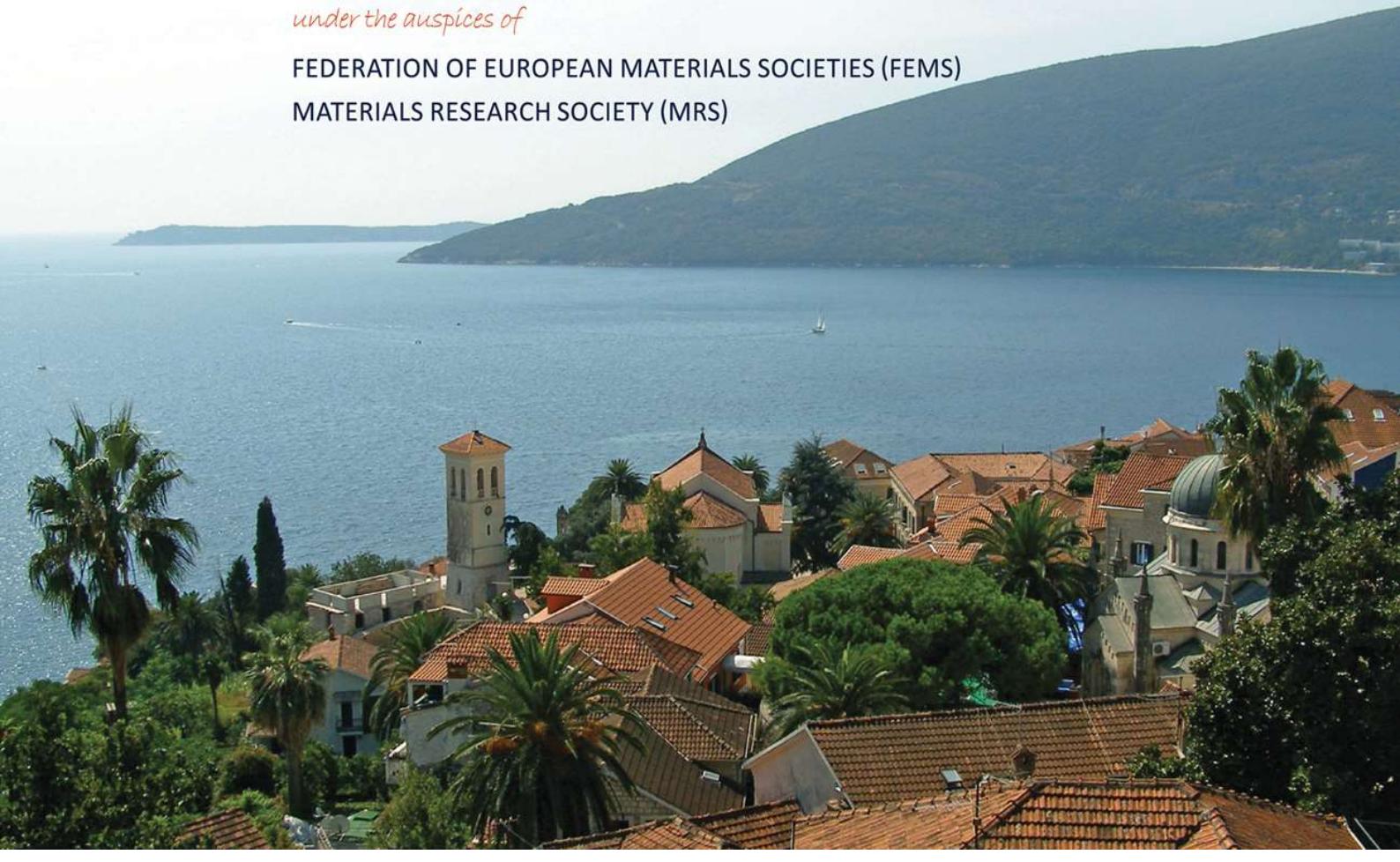
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Materials science and engineering incorporate acquiring of knowledge on synthesis and processing of materials, their composition and structure, properties and behaviour, functions and potentialities as well as application of that knowledge to various final products. Economic prosperity, life quality, and healthy environment are tightly connected with the improvements in the existing and the development of new materials and processing technologies. These improvements and development can contribute greatly to the national priorities: energy saving, environment and health protection, information and communication, infrastructure, transportation, etc.

The First Conference on materials science and engineering, including physics, physical chemistry, condensed matter chemistry, and technology in general, was held in September 1995, in Herceg Novi. An initiative to establish Yugoslav Materials Research Society was born at the conference and, similar to other MR societies in the world, the programme was made and objectives determined. The Yugoslav Materials Research Society (Yu-MRS), a non-government and non-profit scientific association, was founded in 1997 to promote multidisciplinary goal-oriented research in materials science and engineering. Main task and objective of the Society is to encourage creativity in materials research and engineering to reach a harmonic coordination between achievements in this field in our country and analogous activities in the world with an aim to include our country into the global international projects. Until 2003, Conferences were held every second year and then they grew into Annual

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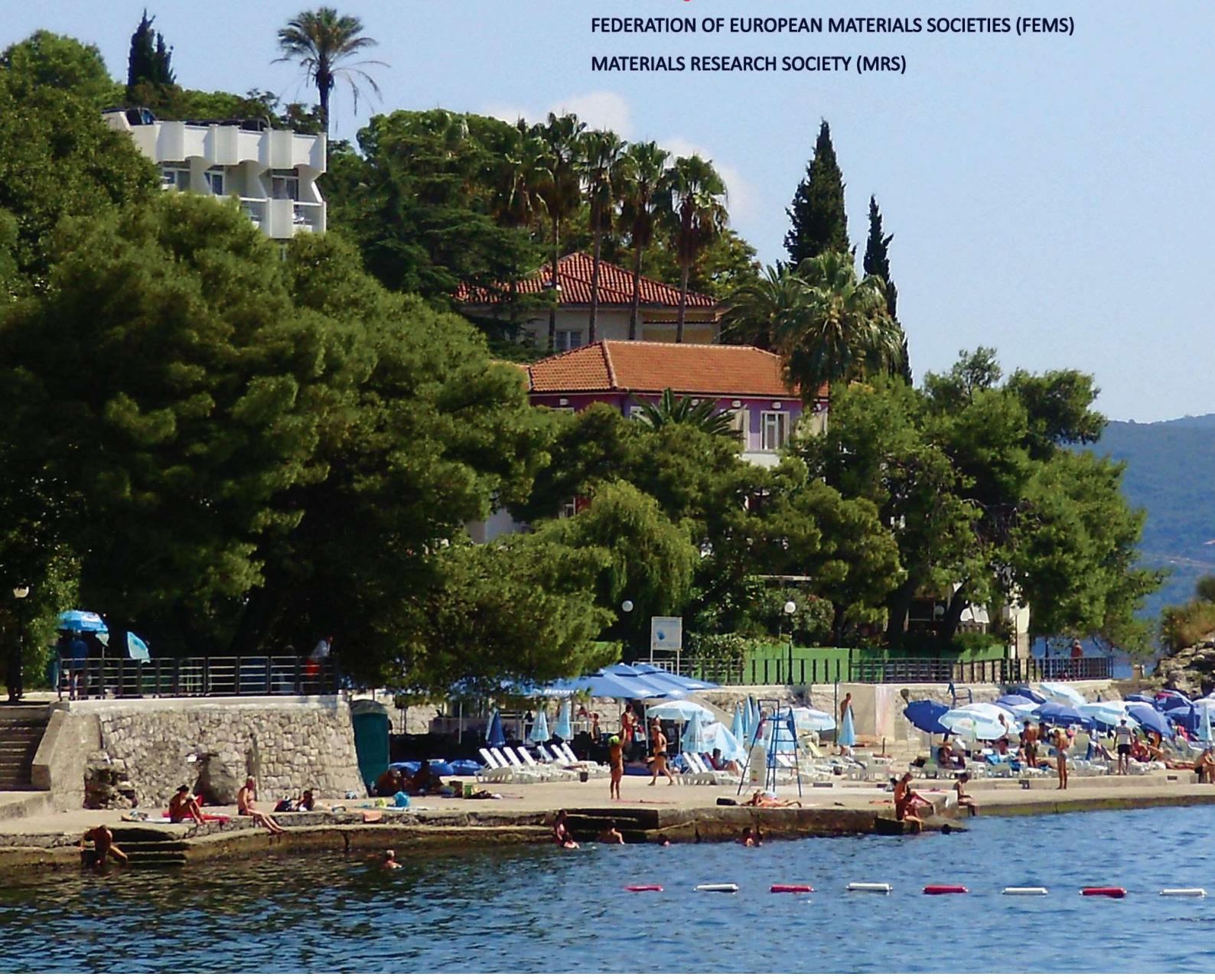
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Acknowledgments: This conference is held in honour of Prof. Dragan Uskoković's 70th birthday.



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From MaryAnn Montes <maryann.montes@hindawi.com>
To <nenad.filipovic@itn.sanu.ac.rs>
Date 2022-02-07 09:42



Dear Dr. Filipović,

Thank you for submitting your reviewer report on Research Article 3432235 titled "Investigation of the Antibacterial and Antibiofilm Activity of Selenium Nanoparticles against *Vibrio cholerae* as a Potent Therapeutics" by Sareh Bagheri-Josheghani, and for taking the time and effort to review this manuscript for Canadian Journal of Infectious Diseases and Medical Microbiology.

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To <nенад.филиповић@итн.сану.ац.рс>
Date 2021-10-19 02:48



Dear Dr Nenad Filipovic,

You recently provided us with a review for eXPRESS Polymer Letters. We greatly appreciate the time and effort you spent on that review of manuscript entitled 'Scleroglucan and guar gum: the synergistic effects of a new polysaccharide system' (EPL-0011654). The high scientific standard of our journal is assured by the valuable contribution of our excellent and dedicated reviewers.

If you are interested in the final decision on this manuscript, you can check it in the Manuscript Central after logging in. Please note that the final decision may only appear 2-3 weeks later and it depends on the date of receiving the other reviewers' comments.

Sincerely yours,

Prof. Dr. T. Czigany

Editor of eXPRESS Polymer Letters



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From Frontiers Bioengineering
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To <nenad.filipovic@itn.sanu.ac.rs>
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Manuscript title: Fabrication of antimicrobial multilayered nanofibrous scaffolds loaded drug via electrospinning for biomedical application

Manuscript ID: 755777

Authors: Qi Liu, HengMin Jia, Wenchong Ouyang, Yan Mu, Zhengwei Wu

Journal: Frontiers in Bioengineering and Biotechnology, section Biomaterials

Article type: Original Research

Submitted on: 09 Aug 2021

Edited by: Magdalena M. Stevanović

Research Topic: Antimicrobial Nanostructured Polymeric Materials and Nanocomposites, Volume II

Independent Review Report, Reviewer: Nenad Filipovic

EVALUATION

Please summarize the main findings of the study.

The presented study reveals the antimicrobial potential of multilayer nanofibrous scaffolds fabricated by electrospinning. The choice of polymers used in the preparation of scaffolds allows the incorporation of hydrophilic antimicrobial agents in the inner region, while hydrophobic polymers from the outer layer provides prolonged degradation.

Please highlight the limitations and strengths.

The scaffold fabrication is well designed and conducted with well-known biocompatible and biodegradable polymers. Furthermore, it provides reproducible production of the scaffolds with tailororable dimensions. The manuscript is well written and organized.



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Reply-To Molecular Medicine Editorial Office
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Date 2021-07-29 00:22

MOME-D-21-00294

Comparative study of the effect of silver and selenium nanoparticles on bacterial and viral hepatic infection via modulating oxidative stress and DNA fragmentation
Molecular Medicine

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We greatly appreciate your assistance.

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Date 2023-08-21 19:34

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Title: Preparation, physicochemical characterization and assessment of liquid and vapour phase antimicrobial activity of essential oil loaded lipid nanoparticles.

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Ursula Gonzales-Barron, PhD
Editor
LWT

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Subject **Thank you for the review of LWT-D-22-03749R3**
 From LWT - Food Science & Technology <em@editorialmanager.com>
 Sender <em.lwt.0.8224e1.5a4eb3f5@editorialmanager.com>
 To Nenad Filipović <nenad.filipovic@itn.sanu.ac.rs>
 Reply-To LWT - Food Science & Technology <support@elsevier.com>
 Date 2023-03-21 14:31

Ms. Ref. No.: LWT-D-22-03749R3

Title: Biologically active selenium nanoparticles composites with *Bacillus licheniformis* extracellular polymeric substances fermented from cane molasses
LWT

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Sender <em.lwt.0.86c7bc.7ef64e41@editorialmanager.com>
To Nenad Filipović <nenad.filipovic@itn.sanu.ac.rs>
Reply-To LWT - Food Science & Technology <support@elsevier.com>
Date 2023-10-18 15:26



Ms. Ref. No.: LWT-D-23-03696

Title: Study on the digestion and absorption property of LBPP1-SeNPs from the perspective of stability in vitro
LWT

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Subject **Thank you for the review of MLBLUE-D-23-01478R1**
From Aldo Boccaccini <em@editorialmanager.com>
Sender <em.mlblue.6717.87b7e7.d127e2aa@editorialmanager.com>
To Nenad Filipović <nenad.filipovic@itn.sanu.ac.rs>
Reply-To Aldo Boccaccini <aldo.boccaccini@ww.uni-erlangen.de>
Date 2023-11-30 08:09



Ref.: Ms. No. MLBLUE-D-23-01478R1
A Stimuli-Responsive Demethyleneberberine-Conjugated Carboxylmethyl Chitosan Prodrug for Treatment of Inflammatory Bowel Diseases
Materials Letters

Dear Dr Nenad Filipović,

Thank you for reviewing the above referenced manuscript. I greatly appreciate your contribution and time, which not only assisted me in reaching my decision, but also enables the author(s) to disseminate their work at the highest possible quality. Without the dedication of reviewers like you, it would be impossible to manage an efficient peer review process and maintain the high standards necessary for a successful journal.

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Kind regards,

Dr. Aldo Boccaccini
Editor-in-Chief
Materials Letters

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REVIEW CONFIRMATION CERTIFICATE



We are pleased to confirm that

Nenad Filipović

has reviewed 3 papers for the following MDPI journal in the period 2022–2023:

Pharmaceutics

Shu-Kun Lin

Dr. Shu-Kun Lin, Publisher and President
Basel, 5 December 2023



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