

НАУЧНОМ ВЕЋУ
ИНСТИТУТА ТЕХНИЧКИХ НАУКА САНУ

МОЛБА

У складу са одредбама Закона о научно истраживачкој делатности молим да покренете поступак за мој избор у звање **виши научни сарадник**.

Ради покретања поступка за избору звање виши научни сарадник, предлажем следећу комисију:

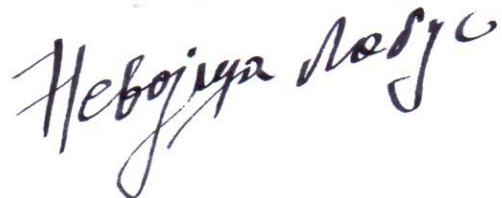
1. Др Смиља Марковић, научни саветник, ИТН САНУ - Институт техничких наука САНУ, председник комисије
2. Др Лидија Манчић, научни саветник, ИТН САНУ - Институт техничких наука САНУ
3. Др Марија Весна Николић, научни саветник, ИМСИ – Институт за мултидисциплинарна истраживања Универзитета у Београду
4. Академик Славко Ментус, редовни члан САНУ

У прилогу достављам:

- 1 – биографске податке
- 2 – копију одлуке о стицању научног звања
- 3 – научну библиографију
- 4 – листе цитата

Подносилац молбе:

Др Небојша Лабус,



У Београду, дана
27. 11. 2017. године

1. Биографија - Небојша Лабус

Рођен је 21. јануара 1967. године у Новом Саду. Завршио је факултет за физичку хемију у Београду 1999. године. Магистрирао је 2005. године на Техничком факултету у Чачку на тему „Утицај механичке активације на синтезу цинк-метатитаната“. Изабран је у звање истраживача-сарадника у Институту за технологију нуклеарних материјала и сировина, у Београду, 2006. године. Докторску тезу „Синтеровање и својства синтерованог ZnTiO_3 “ одбранио је 2011. године на Факултету за физичку хемију, у Београду. У звање научног сарадника изабран је у Институту техничких наука САНУ, 29. маја 2014. године. Запослен је у Институту техничких наука САНУ од 2001. године. Рецензент интернационалних часописа *Ceramics International* издавачке куће Elsevier, *Journal of the European Ceramic Society* - Elsevier, *International Journal of Applied Ceramic Technology* издавачке куће Wiley, *Science of Sintering*, издавач International Institute for the Science of Sintering. Носилац награде за најбољи рад на секцији Нови Материјали на 58. Конференцији за електронику, телекомуникације, рачунарство, аутоматику и нуклеарну технику, ЕТРАН 2014, Врњачка Бања, 2 – 5. јуна 2014. Радови Небојше Лабуса према бази података Web of Science, 30. 10.2017. цитирани су укупно 119 пута (63 хетероцитата) и хиршов индекс је 7. Области интересовања: механичка активација, синтеровање, дилатометрија, механосинтеза, реакције у чврстом стању, термалне технике анализе чврстих материјала, пресовање керамичких прахова, утицај атмосфере различитих гасова на процес синтеровања, испитивање порозности површине прашкастих материјала....

ПРИЛОГ 1

БИБЛИОГРАФИЈА

Др Небојша Лабус, научни сарадник ИТН САНУ

Радови рачунати за претходни избор у звање научни сарадник

М21 (8.0): Рад у врхунском међународном часопису

1.a

1. M.V.Nikolić, **N.Labus**, M.M.Ristić, »*Densification rate and phase structure changes during sintering of zinc titanate ceramics*«, Ceramics International, 35 (2009) 3217-3220. doi:10.1016/j.ceramint.2009.05.028. IF 1.773, M21, 8.

2.a

2. P.M.Nikolić, S.S.Vujatović, D.L.Golić, **N.J.Labus**, K.M.Paraskevopoulos, K.T. Zorbas, M.V.Nikolić, A. Bojičić, V.Bлагојевић, B. Stamenović, W. König, »*Far infrared study of impurity local modes in palladium-doped PbTe and PbSnTe*«, J.Alloys Compd., 475 (2009) 930-934. doi: 10.1016/j.jallcom.2008.08.069, IF 2.135, M21, 8. (нормиран на 4.44 поена)

Укупно $\Sigma M21 = 1 \times 8 + 4,4 = 12,4$

М22 (5.0): Рад у истакнутом међународном часопису

3.a

1. N. Obradović, **N. Labus**, T. Srećković, D. Minić, M. M. Ristić »*Synthesis and characterization of zinc titanate nano-crystal powders obtained by mechanical activation*«, Sci. of Sintering, Vol. 37 (2005), pp. 115-122. <http://dx.doi.org/10.2298/SOS0502123O> IF 0.481, M22, 5.

4.a

2. **N. Labus**, N. Obradović, T. Srećković, V. Mitić, M. M. Ristić »*Influence of mechanical activation on zinc metatitanate synthesis*«, Sci. of Sintering, Vol. 37 (2005), pp. 123-129. <http://dx.doi.org/10.2298/SOS0502115L> IF 0.481, M22, 5.

5.a

3. M. V. Nikolić, **N. Labus**, M.M.Ristić, »A phenomenological analysis of sintering kinetics from viewpoint of activated volume«, Sci. of Sintering, Vol. 37 (2005), pp. 19-25. <https://doi.org/10.2298/SOS0501019N>, IF 0.481, M22, 5.

6.a

4. N.Obradović, **N.Labus**, T.Srecković, S.Stevanović, »Reaction sintering of the 2ZnO-TiO₂ System«, Sci. of Sintering, Vol.39 (2007) 127-132. [doi:10.2298/SOS0702127O](https://doi.org/10.2298/SOS0702127O), IF 0.481, M22, 5.

7.a

5. S.Stevanović, V.Zeljковиć, N.Obradović, **N.Labus**, »Investigation of Sintering Kinetics of ZnO by Observing Reduction of the Specific Surface Area«, Sci. of Sintering, Vol.39 (2007) 259-265. [doi: 10.2298/SOS0703259S](https://doi.org/10.2298/SOS0703259S), IF 0.481, M22, 5.

8.a

6. P. M. Nikolić, K. M. Paraskevopoulos, T. T. Zorba, E. Pavlidou, N. Kantiranis, S. S. Vujatović, O. A. Aleksić, M. V. Nikolić, T. Ivetić, S. Savić, **N. Labus**, V. Blagojević, »Far Infrared Properties of Sintered PbTe Doped with Boron« Sci. of Sintering, Vol.39 (2007) 223-228. <http://dx.doi.org/10.2298/SOS0703223N>, IF 0.481, M22, 5. (нормиран на 2,5 поена)

9.a

7. V.V.Petrović, A.Maričić, **N.Labus**, M.M.Ristić, »Influence of Mechanical activation on synthesis on the properties of the MgO-TiO₂ System«, Sci. of Sintering, Vol.39 (2007) 59-65. DOI: [10.2298/SOS0701059P](https://doi.org/10.2298/SOS0701059P), IF 0.481, M22, 5.

10.a

8. P.M.Nikolić, K.M.Paraskevopoulos, S.R.Djukić, S.S.Vujatović, **N.J.Labus**, T.T.Zorba, M.Jović, M.V.Nikolić, A. Bojičić, V.Blagojević, W. König, »Far infrared spectroscopy of Pb_{0.85}Sn_{0.15}Te alloy doped with Ni«, Int.J.Mat.Res. 99 (2008) 12. DOI: [10.3139/146.101772](https://doi.org/10.3139/146.101772), IF 0.819, M22, 5. (нормиран на 2,77 поена)

Укупно $\Sigma M22 = 6 \times 5 = 30 + 2.77 + 2.5 = 35.27$

M23 (3.0): Рад у међународном часопису

11.a

1. N. Obradović, **N. Labus**, T. V. Srećković, Lj. Živković, M. M. Ristić »*Dilatometer investigations of reactive sintering of zinc titanates ceramics*«, Mat. Sci. Forum, Vol. 494 (2005), pp. 411-416. [10.4028/www.scientific.net/MSF.494.411](https://doi.org/10.4028/www.scientific.net/MSF.494.411), IF 0.399, M23, 3.

12.a

2. M. V. Nikolić, V. P. Pavlović, V. B. Pavlović, **N. Labus**, B. Stojanović, »*Application of the master sintering curve theory to non-isothermal sintering of BaTiO₃ ceramics*«, Mat. Sci. Forum, Vol. 494 (2005), pp. 417-422. [10.4028/www.scientific.net/MSF.494.417](https://doi.org/10.4028/www.scientific.net/MSF.494.417), IF 0.399, M23, 3.

13.a

3. V. P. Pavlović, M. V. Nikolić, V. B. Pavlović, **N. Labus**, Lj. Živković, B. Stojanović »*Corelation between densification rate and microstructure evolution of mechanically activated BaTiO₃*«, Ferroelectrics, Vol. 319 (2005), pp. 75-85. <http://dx.doi.org/10.1080/00150190590965451>, IF0.459, M23, 3.

14.a

4. N. Obradović, **N. Labus**, T. Srećković, D. Minić »*The influence of milling conditions on mechanochemical synthesis and sintering of zinc titanate*«, Nanosystems, Nanomaterials, Nanotechnologies, Vol. 4, No. 1, pp. 461-469 (2006). http://www.dragicaminic.info/papers/synth/Nanosystems_Zntitanat.pdf, нема категорију.

15.a

5. N. Obradović, **N. Labus**, T. Srećković, M. M. Ristić »*The influence of tribophysical activation on Zn₂TiO₄ synthesis*«, Mat. Sci. Forum, Vol. 518 (2006) pp. 131-136. [10.4028/www.scientific.net/MSF.518.131](https://doi.org/10.4028/www.scientific.net/MSF.518.131), IF 0.399, M23, 3.

16.a

6. **Labus N.**, Stevanović S., Ristić M.M., «*Sintering of mechanically activated ZnO – TiO₂*», ПорошковаяМеталлургия, ½ (459) 55 – 62 2008. Powder Metallurgy and Metal Ceramics, Vol. 47, Nos. 1-2, 2008, <https://doi.org/10.1007/s11106-008-0007-2>, IF.0201, M23, 3.

17.a

7. P.M.Nikolic, K.M.Paraskevopoulos, M.V.Nikolic, S.S.Vujatović, E, Pavlidou, T.T.Zorba, T.Ivetic, B.Stamenovic, **N.Labus**, M.Jovic, M.M.Ristic, »*Far Infrared Properties of Sintered Pb_{0.9}Sn_{0.1}Te Doped with Palladium*«, Powder Metallurgy and Metal Ceramics, Vol.48, No. 5-6, 2009. [doi:10.1007/s11106-009-9122-y](https://doi.org/10.1007/s11106-009-9122-y). IF 0.238, M23, 3.
(нормиран на 1,66 поена)

Укупно $\Sigma M23 = 5 \times 3 = 15 + 1.66 = 16.66$

$\Sigma M20 \text{ ukupno} = (M21) 12.4 + (M22) 35.27 + (M23) 16.66 = 64.33$

Врста и квантификација научно истраживачких резултата Небојше Лабуса насталих пре избора у звање научни сарадник

Категорија	Број	Вредност индикатора	Укупна вредност
M21	2	8	16
M22	8	5	40/35,27
M23	6	3	18/16,66
Укупно			74/64,33

*** - Број поена нормиран на број коаутора већи од 7**

Радови објављени након избора у претходно звање научни сарадник

M21 Врхунски међународни часопис

1.6

1

B. Matović, D.Nikolić, **N.Labus**, S.Ilić, V.Maksimović, J.Luković, D.Bučevac, *Preparation and properties of porous, biomorphic, ceria ceramics for immobilization of Sr isotopes*, Ceramics International, 39(2013)9645–9649 [doi:10.1016/j.ceramint.2013.05.086](https://doi.org/10.1016/j.ceramint.2013.05.086), **M21**, IF2013=2.110, **8**.

2.6

2

Zorka Z. Djurić, Obrad S.Aleksić, Maria V.Nikolić, **Nebojša Labus**, Milan Radovanović, Miloljub D.Luković, *Structural and electrical properties of sintered Fe₂O₃/TiO₂ nanopowder mixtures*, Ceramics International, 40 (2014) 15131–15141, [doi:10.1016/j.ceramint.2014.06.126](https://doi.org/10.1016/j.ceramint.2014.06.126), **M21**, IF2014=2.540, **8**

Укупно $\Sigma M21 = 2 \times 8 = 16$

M22 Истакнути међународни часопис

3.6

1

N. Labus, J. Krstić, S. Marković, D. Vasiljević-Radović, M V. Nikolić, V. Pavlović, *ZnTiO₃ Ceramic Nanopowder Microstructure Changes During Compaction*, Science of Sintering, 45 (2013) 209-221, [doi: 10.2298/SOS1302209L](https://doi.org/10.2298/SOS1302209L), **M22**, IF2013=0.444, **5**.

4.6

2

N. Labus, S. Mentus, Z. Z. Đurić, M. V. Nikolić, *Influence of Nitrogen and Air Atmosphere During Thermal Treatment on Micro and Nano Sized Powders and Sintered TiO₂ Specimens*, Science of Sintering, 46 (2014) 365-375, [doi: 10.2298/SOS1403365L](https://doi.org/10.2298/SOS1403365L), **M22**, IF2014=0.575, **5**.

5.b

3

N. Labus, S. Mentus, S. Rakić, Z. Z. Đurić, J. Vujančević, M.V. Nikolić, *Reheating of Zinc-titanate Sintered Specimens*, Science of Sintering, 47 (2015) 71-81, [doi: 10.2298/SOS1501071L](https://doi.org/10.2298/SOS1501071L), **M22** IF2015=0.781, **5**.

6.6

4

M. Milutinov, M. V. Nikolić, M. D. Luković, N. Blaž, **N. Labus**, Lj. D. Živanov, O. S. Aleksić, *Influence of starting powder milling on structural properties, complex impedance, electrical conductivity and permeability of Mn–Zn ferrite*, J Mater Sci: Mater Electron (2016) 27:11856–11865, [DOI 10.1007/s10854-016-5328-1](https://doi.org/10.1007/s10854-016-5328-1), **M22**, IF2016=2.019, **5**.

7.6

5

Miodrag M. Milutinov, Maria Vesna Nikolić, Snežana G. Luković, Nelu Blaž, **Nebojša Labus**, Obrad S. Aleksić, Ljiljana D. Živanov, *Influence of starting powder milling on magnetic properties of Mn-Zn ferrite*, Processing and Application of Ceramics, 11 [2] (2017) 160–169, [doi: 10.2298/PAC1702160M](https://doi.org/10.2298/PAC1702160M), **M22**, IF 2016 1.070, **5**.

8.6

6

Nebojša Labus, Zorka Z. Vasiljević, Dana Vasiljević-Radović, Srđan Rakić, Maria V. Nikolić, *Two Step Sintering of ZnTiO₃ nanopowder*, Science of Sintering, 49 (2017) 51-60, [doi: 10.2298/SOS1701051L](https://doi.org/10.2298/SOS1701051L), **M22** IF2016=0.736, **5**.

9.6

7

Obrad S. Aleksić, Zorka Z. Vasiljević, Milica Vujković, Marko Nikolić, **Nebojša Labus**, Miloljub D. Luković, Maria V. Nikolić, *Structural and electronic properties of screen-printed Fe₂O₃/TiO₂ thick films and their photoelectrochemical behaviour*, J Mater Sci (2017) 52:5938–5953, [DOI 10.1007/s10853-017-0830-2](https://doi.org/10.1007/s10853-017-0830-2), **M22** IF2016=2.522, **5**.

10.6

8

Nebojša Labus, Zorka Vasiljević, Obrad Aleksić, Miloljub Luković, Smilja Marković, Vladimir Pavlović, Slavko Mentus, Maria Vesna Nikolić, *Characterisation of $Mn_{0.63}Zn_{0.37}Fe_2O_4$ powders after intensive milling and subsequent thermal treatment*, Science of Sintering, 49 (2017) 455-467, doi: <https://doi.org/10.2298/SOS1704455L>, **M22**, IF2016=0.736, **5** (нормиран на **4,1**).

Укупно $\Sigma M22 = 7 \times 5 = 35 + 4.1 = 39.1$

M52 Истакнути национални часопис

11.6

1

Srđan Matijašević, Snežana Zildžović, Jovica Stojanović, Marija Đošić, Jelena Nikolić, Mirjana Stojanović, **Nebojša Labus**, *Removal of uranium (VI) from aqueous solution by acid modified zeolites*, Zastita Materijala 57 (4) 551 - 558 (2016), doi:10.5937/ZasMat1604551M, **M52**, **1.5**

Укупно $\Sigma M52 = 1 \times 1.5 = 1.50$

M23 Међународни часопис

12.6

1

Emina Požega, Pantelija Nikolić, Slavko Bernik, Lidija Gomidželović, **Nebojša Labus**, Milan Radovanović, Saša Marjanović, *Synthesis and investigation of $BiSbTeSe$ single crystal doped with Zr produced using Bridgman method*, Revista de Metalurgia, Vol. 53, Issue 3, July–September 2017., <http://dx.doi.org/10.3989/revmetalm.100> ISSN-L: 0034-8570, **M23** IF2016=0.736, **3**.

Укупно $\Sigma M23 = 1 \times 3 = 3$

M32 Предавање по позиву штампано у изводу

13.6

1

Nebojša J. Labus, Vladimir B. Pavlović, Zorka Ž. Vasiljević, Maria Vesna P. Nikolić, *Dilatometer as a scientific tool*, The Sixth Serbian Ceramic Society Conference »Advanced Ceramics and Application« Sep 18-20, 2017, Serbian Academy of Sciences and Arts, Knez Mihailova 35, Belgrade, Serbia, p. 48., M32, **1,5**.

Укупно $\Sigma M32 = 1 \times 1,5 = 1,5$

M33 Саопштење са међународног скупа штампано у целини

14.6

1

N. Labus, J. Vujančević, M.V. Nikolić, *Microstructure changes caused by thermal etching of sintered ZnTiO₃*, PHYSICAL CHEMISTRY 2014, 12th International Conference on Fundamental and Applied Aspects of Physical Chemistry, Proceedings, Volume I, 659-662.<http://www.socphyschemserb.org/media/publications/pc2014.pdf>, M33, **1**.

15.6

2

Bratislav Čukić, Nebojša Mitrović, **Nebojša Labus**, Borivoje Nedeljković, Marko Popović, *Korelacija procesa kristalizacije i termičkog širenja amorfne masivne metalne legure FeCrMoGaPCB*, Зборник 58.конференције за електронику, телекомуникације, рачунарство, аутоматику и нуклеарну технику ЕТРАН 2014, Врњачка Бања, 2 – 5. јуна 2014. године, ISBN 978-86- 80509-70-9

https://www.researchgate.net/publication/320923298_Korelacija_procesa_kristalizacije_i_termickog_sirenja_amorfne_masivne_metalne_legure_FeCrMoGaPCB?iepl%5BviewId%5D=0PaxeKpNHIDDe3x1XYKwulSW&iepl%5BprofilePublicationItemVariant%5D=default&iepl%5Bcontexts%5D%5B0%5D=prfpi&iepl%5BtargetEntityId%5D=PB%3A320923298&iepl%5BinteractionType%5D=publicationPreviewImage, M33, **1**.

Укупно $\Sigma M33 = 2 \times 1 = 2$

34 Саопштење са међународног скупа штампано у изводу

16.6

1

Zorka Ž. Vasiljević, Obrad S. Aleksić, Miloljub D. Luković, Milica Vujković, Vladimir Pavlović, **Nebojša Labus**, Maria V. Nikolić, *Fabrication, characterization and photoelectrochemical behavior of Fe_2TiO_5 screen printed thick films*,. Fifteenth Young Researchers Conference – Materials Science and Engineering, December 7-9, 2016, Hall 2, SASA Institutes, Knez Mihailova 36, Belgrade, Serbia, P -45., **M34, 0.5.**

17.6

2

N. Obradović, N. Đorđević, **N. Labus**, A. Peleš, M. Mitrić, V. B. Pavlović, *Density and electrical properties of cordierite based ceramics as function of compaction pressure*, The Serbian Ceramic Society Conference »Advanced Ceramics and Application II« Sep 30-Oct 1, 2013, Serbian Academy of Sciences and Arts, Knez Mihailova 35, Belgrade, Serbia, , p 39., **M34, 0.5.**

18.6

3

J. Živojinović, D. Kosanović, N. Obradović, A. Peleš, **N. Labus**, S. Filipović, V. B. Pavlović, M. Mitrić, M. M. Ristić, *Dilatometric Analysis of Mechanically Activated $SrTiO_3$ Powder*, The Serbian Ceramic Society Conference »Advanced Ceramics and Application II« Sep 30-Oct 1, 2013, Serbian Academy of Sciences and Arts, Knez Mihailova 35, Belgrade, Serbia, p 38., **M34, 0.5.**

19.6

4

N. Labus, J. Krstić, A. Peleš, J. Živojinović, M. V. Nikolić, *Density of the $ZnTiO_3$ nanopowder as a loose powder and as a compact obtained by different methods*, The Serbian Ceramic Society Conference »Advanced Ceramics and Application II« Sep 30-Oct 1, 2013, Serbian Academy of Sciences and Arts, Knez Mihailova 35, Belgrade, Serbia, p 18., **M34, 0.5.**

20.6

5

Nebojša Labus, Zorka Vasiljević, Obrad Aleksić, Miloljub Luković, Smilja Marković, Vladimir Pavlović, Slavko Mentus, Maria Vesna Nikolić, *Characterisation of $Mn_{0.63}Zn_{0.37}Fe_2O_4$ powders after intensive milling and subsequent thermal treatment*, The Fifth Serbian Ceramic Society

Conference »Advanced Ceramics and Application V« September 21–23, 2016 Serbian Academy of Sciences and Arts, Knez Mihailova 35, Belgrade, Serbia, p 48, **M34, 0.5.**

21.6

6

Zorka Z. Vasiljević, Maria V. Nikolić, Obrad S. Aleksić, **Nebojša Labus**, Miloljub D. Luković, Smilja Marković, Pantelija M. Nikolić, *STRUCTURAL AND ELECTRONIC PROPERTIES OF PSEUDOBROOKITE*, 3rd Conference of The Serbian Society for Ceramic Materials June 15-17, 2015 Belgrade, Serbia 3CSCS-2015, P – 98., **M34, 0.5.**

22.6

7

Zorka Z. Vasiljevic, D. Vasiljevic-Radovic, Maria V. Nikolic, **Nebojsa Labus**, *TWO STEP SINTERING OF THE ZnTiO₃ NANOPOWDER*, 3rd Conference of The Serbian Society for Ceramic Materials June 15-17, 2015 Belgrade, Serbia 3CSCS-2015p - 101., **M34, 0.5.**

23.6

8

Miloljub D. Luković, Maria-Vesna Nikolić, Nelu Blaž, Miodrag Milutinov, Zorka Z. Vasiljević, **Nebojša Labus**, Obrad S. Aleksić, *STRUCTURAL, ELECTRICAL AND MAGNETIC PROPERTIES OF MECHANICALLY ACTIVATED MANGANESE AND ZINC FERRITE*, 4th Conference of The Serbian Society for Ceramic Materials, June 14-16, 2017. Belgrade, Serbia, 4CSCS-2017,p 102, **M34, 0.5.**

24.6

9

Nebojša Labus, Zorka Z. Vasiljević, Slavko Mentus, Vladimir B. Pavlović, Miloljub Luković, Maria Vesna Nikolić, *Thermal treatment of oxides in different atmospheres*, The Fourth Serbian Ceramic Society Conference »Advanced Ceramics and Application IV« September 21–23, 2015, Serbian Academy of Sciences and Arts, Knez Mihailova 35, Belgrade, Serbia,p 59, **M34, 0.5.**

UkupnoM34 = 9 x 0,5 = 4,5

Услов за стицање звања

Сабирање бодова по категоријама

Radovi objavljeni u naučnim časopisima međunarodnog značaja, naučna kritika; uređivanje časopisa (M20):

M21= 2 x 8 = 16 Врхунски међународни часопис

M22= 8 x 5 = 40 (пондиран рад бр 8 са 5 на 4.1) 39,1 Истакнути међународни часопис

M23 = 1 x 3 = 3 Међународни часопис

ΣM20 ukupno = (M21) 16 + (M22) 40 + (M23) 3 = 59

Radovi u časopisima nacionalnog značaja (M50)

M52= 1 x 1.5 = 1.50 Истакнути национални часопис

ΣM50= (M52) 1 x 1.5 = 1.50

Zbornici sa međunarodnih naučnih skupova (M30):

M32 = 1 X 1.5 Предавање по позиву са међународног скупа штампано у изводу

M33 = 2 x 1 = 2 Саопштење са међународног скупа штампано у целини

M34 = 9 x 0,5 = 4,5 Саопштење са међународног скупа штампано у изводу

ΣM30 = (M32) 1.5 + (M33) 2 + (M34) 4.5 = 8

Врста и квантификација научно истраживачких резултата Небојше Лабуса насталих после избора у звање научни сарадник

Категорија	Број	Вредност индикатора	Укупна вредност
M21	2	8	16
M22	8	5	40/39,1
M23	1	3	3
M52	1	1,5	1,5
M32	1	1,5	1,5
M33	2	1	2
M34	9	0,5	4,5
Укупно			68,5/67,6

*** - Број поена нормиран на број коаутора већи од 7**

Диференцијални услов – од првог избора у претходно звање до избора у звање	Потребно је да кандидат има најмање XX поена, који треба да припадају следећим категоријама:	Неопходно XX=	<u>Остварено</u>
<u>Виши научни сарадник</u>	<u>Укупно</u>	<u>50</u>	<u>67,6</u>
<u>Обавезни 1</u>	M10+M20+M31+M32+M33+M41+M42+M90	<u>40</u>	<u>66,1</u>
<u>Обавезни 2</u>	M11+M12+M21+M22+ M23	<u>30</u>	<u>58,1</u>

CITIRANOST RADOVA DR NEBOJŠE LABUSA

Prema bazi podataka Web of Science, 30. oktobar 2017. godine

Radovi dr Nebojše Labusa citirani su ukupno 119 puta (**63 heterocitata**)

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Author(s): Matovic, B.; Nikolic, D.; Labus, N.; et al.

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Author(s): Nikolic MV; Labus N

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By: Al-Sarraj, Ziyad S. A.; Noor, S. S.

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By: Labus, N.; Mentus, S.; Duric, Z. Z.; et al.

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BY N. Labus, J. Vujančević and M.V. Nikolić

12th International Conference on Fundamental and Applied Aspects of Physical Chemistry, Proceedings, Volume I, 659-662, 2014

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[Morphological variability without geographical structuring in the fire salamander \(*Salamandra salamandra*, Salamandridae\) from the Central Balkans](#)

Author(s): Labus, Nenad; Vukov, Tanja D.; Ljubisavljevic, Katarina; et al.

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By: Alarcon-Rios, Lucia; Velo-Anton, Guillermo; Kaliontzopoulou, Antigoni
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Author(s): Obradovic N.; Filipovic S.; Pavlovic V.; et al.
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By: Joseph, Elad; Amouyal, Yaron

[JOURNAL OF APPLIED PHYSICS](#) Volume: 117 Issue: 17 Article Number: 175102 Published: MAY 7 2015

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Author(s): Nikolic, PM; Paraskevopoulos, KM; Zorba, TT; et al.

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By: Nikolic, P. M.; Paraskevopoulos, K. M.; Zachariadis, G.; et al.

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Author(s): Labus, N.; Mentus, S.; Duric, Z. Z.; et al.

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Author(s): Milutinov, M.; Nikolic, M. V.; Lukovic, M. D.; et al.

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By: Tsai, Bor-Jang; Wang, Jung-Chi; Chen, Peng-Yu; et al.

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C. Степанов-Трунт

Прилог 2 - наслови рецензираних чланака и писма захвалности од уредника часописа за урађене рецензије

- **Microwave, spark plasma and conventional sintering to obtain controlled-thermal-expansion β - eucryptite materials**, Rut Benavente, Maria D. Salvador, Amparo Borrell, Olga Garcia-Moreno, Felipe L. Penaranda-Foix, Jose M. Catala-Civera, for the International Journal of Applied Ceramic Technology.
- **Thermodynamics of formation of composite material structures**. F. Lisovsky, for the Science of Sintering.
- **Sintering lignite fly and bottom ashes via two-step versus conventional process**, V.G. Karayannis, A.K. Moutsatsou, E.L. Katsika for the Science of Sintering.
- **Final Stage Sintering Behavior of Microwave Sintered Pure Alumina**, Cong Lin, Zhou Xueshan, Shen Zhijian, for the Science of Sintering.
- **Effect of hydrogenation and annealing of a crystalline Ni-Fe powder mixture on microstructure and electrical and magnetic properties**, R. Milinčić, M. Spasojević, Milica Spasojević, A. Maričić, for the Science of Sintering.
- **Comparative study and evaluation of the clay based ceramic properties shaped via four techniques**, C. I. Torres, N. M. Rendtorff, M. Cipollone, E. F. Aglietti, G. Suárez for the Science of Sintering.
- **Growth of significantly low dimensional Zinc Orthotitanate (Zn_2TiO_4) nanoparticles by solid state reaction method**, Lizina Khatua, Rudrashish Panda, Pravakar Satapathy, Susanta Kumar Das, for the Science of Sintering.
- **Alloying Behavior and Morphological Evolution of Ti-10Mo-10Cr Alloy on Sintering and Furnace Cooling**, Junaidi Syarif, Eko Kurniawan, Tubagus N. Rohmannudin, Mohamad Rashidi Rasani, Zainuddin Sajuri, for the Science of Sintering.
- **Novel sintering of ZnTiO_3 materials for LTCC application**, Shenhui Lei, Huiqing Fan, Xiaohu Ren, Zhiyong Liu, for the Journal of the European Ceramic Society.
- **Ceramic proppant Research and Progress**, Zhao Peng-Fei, Tian Yu-Ming, Kong Xiang-Chen, Liu Ai-Ping, Wang Kai-Yue, Chai Yue-Sheng, Li Zhan-Gang, for the Science of Sintering.

- **Porous electrically conductive materials produced by Spark Plasma Sintering and hot pressing of Nanodiamonds**, Arina V. Ukhina, Dina V. Dudina, Alexander G. Anisimov, Vyacheslav I. Mali, Natalia V. Bulina, Ivan A. Bataev, Ivan N. Skovorodin, Boris B. Bokhonov, for the Ceramics International.
- **Microstructure, phase evolution and interfacial effects in a new Zn_{0.9}Mg_{0.1}TiO₃-ZnNb₂O₆ ceramic system with greatly induced improvement in microwave dielectric properties**, Shenhui Lei, Huiqing Fan, Xiaohu Ren, Jiawen Fang, Longtao Ma, Hailin Tian, for the Journal of the European Ceramic Society.
- **Microstructure and phase composition of the two-phase ceramic synthesized from titanium oxide and zinc oxide**, Galina M. Zeer, Elena G. Zelenkova, Natalia S. Nikolaeva, Sergey M. Zharkov, Artur K. Abkaryan, Anatoly A. Mikheev for the Science of Sintering.

Писма захвалности од уредника часописа за урађене рецензије.

From: <Michael.C.Halbig@nasa.gov>

To: <nebojsa.labus@itn.sanu.ac.rs>

Subject: Thank you for submitting your review of Manuscript ID ACT-2665.R1 for the International Journal of Applied Ceramic Technology

Date: Wednesday, June 04, 2014 11:19 AM

04-Jun-2014

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On behalf of the Editors of the International Journal of Applied Ceramic Technology, we appreciate the voluntary contribution that each reviewer gives to the Journal. We thank you for your participation in the online review process and hope that we may call upon you again to review future manuscripts.

Sincerely,

Mr. Michael Halbig

Associate Editor, International Journal of Applied Ceramic Technology

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Yours sincerely,

Robert Freer

Editor

Journal of the European Ceramic Society

From: eesserver@eesmail.elsevier.com on behalf of Journal of the European Ceramic Society [eesserver@eesmail.elsevier.com]

Sent: Wednesday, August 02, 2017 2:28 PM

To: nebojsa.labus@itn.sanu.ac.rs; neblab2101@gmail.com

Subject: Thank you for the review of JECS-D-17-01256

Ms. Ref. No.: JECS-D-17-01256

Title: Microstructure, phase evolution and interfacial effects in a new Zn_{0.9}Mg_{0.1}TiO₃-ZnNb₂O₆ ceramic system with greatly induced improvement in microwave dielectric properties Journal of the European Ceramic Society

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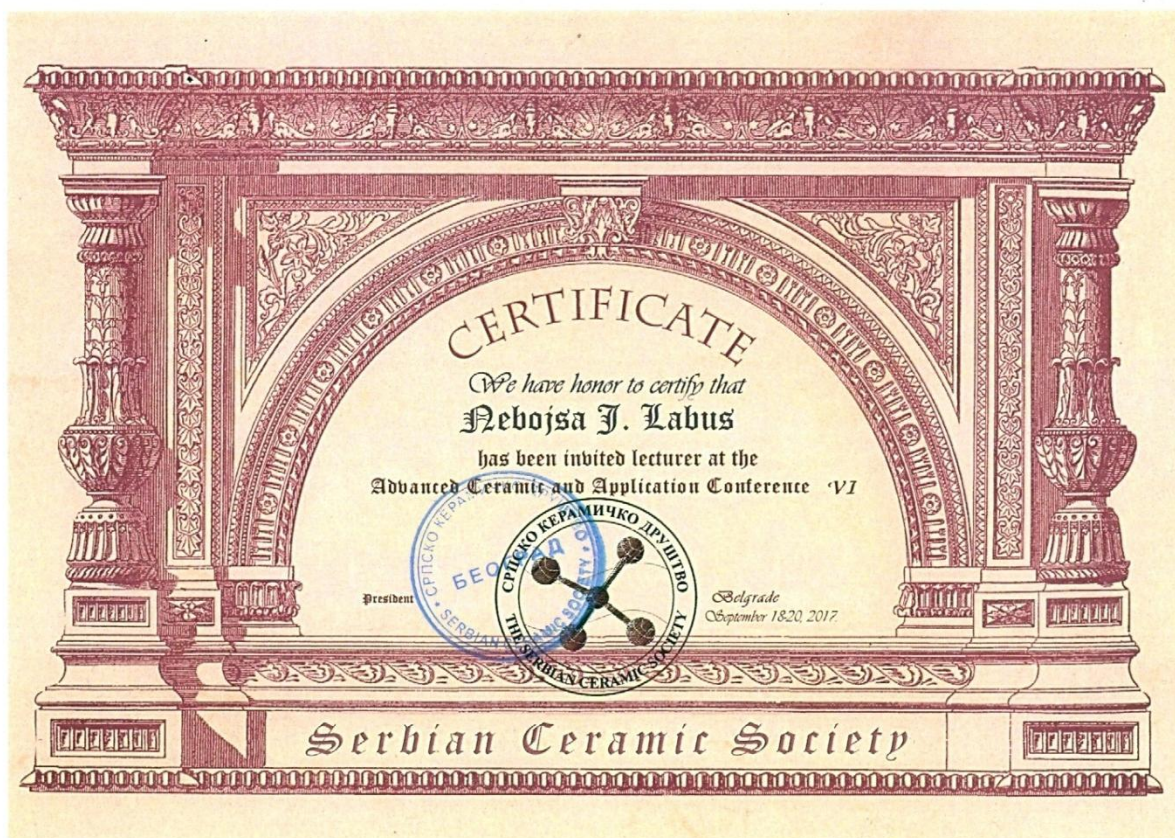
Robert Freer

Editor

Journal of the European Ceramic Society

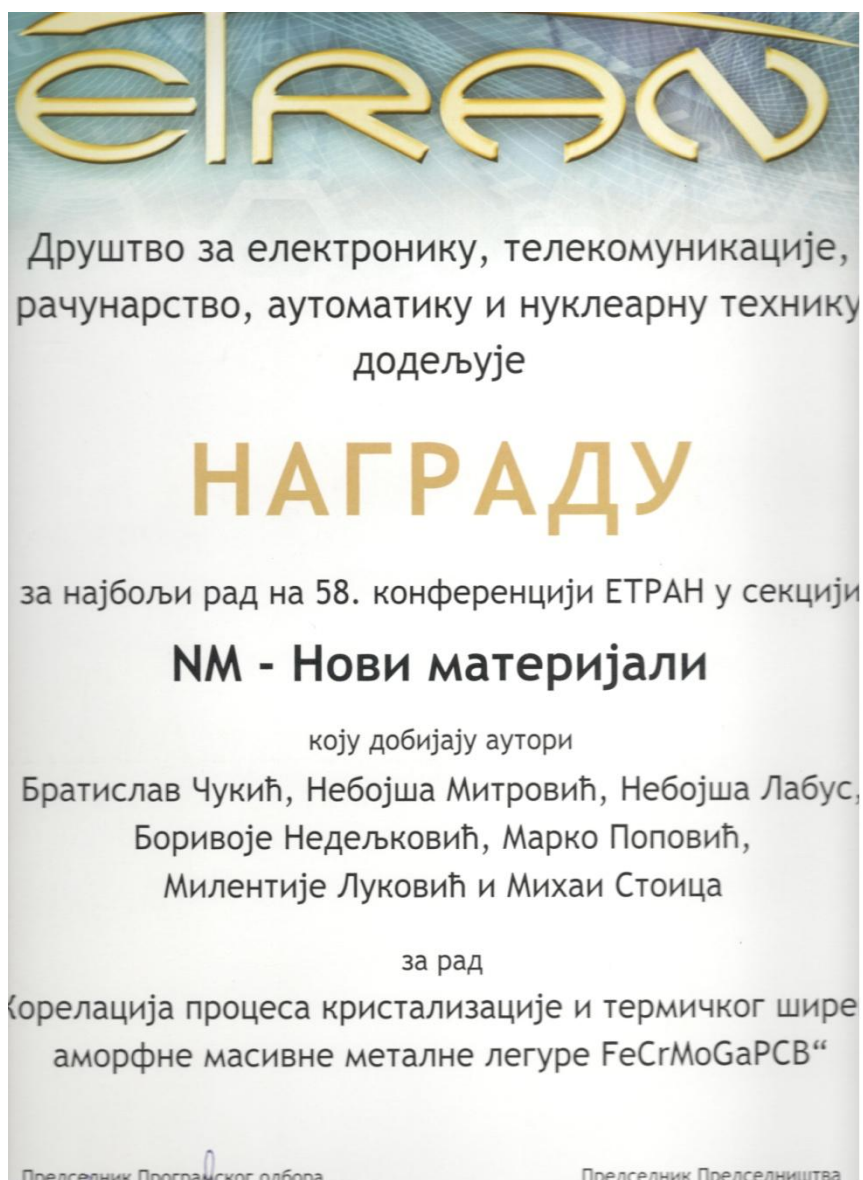
Прилог 2 - позивно писмо за предавача по позиву

Позивно писмо за предавача по позиву: „The Sixth Serbian Ceramic Society Conference »Advanced Ceramics and Application« Sep 18-20, 2017, Serbian Academy of Sciences and Arts, Knez Mihailova 35, Belgrade, Serbia“ аутор Небојша Лабус, Владимиром Б. Павловићем, Зорком Ж. Васиљевић, Мариом Весном П. Николић, рад са насловом “Dilatometer as a scientific tool“.



Прилог 2 - награда ЕТРАН

Награда за најбољи рад у оквиру секције Нови Материјали на 58. Конференцији за електронику, телекомуникације, рачунарство, аутоматику и нуклеарну технику, ЕТРАН 2014, Врњачка Бања, 2 – 5. јуна 2014.



Прилог 2 - докторска дисертација Б. Чукић.

Учешће у изради докторске дисертације мр Братислава Чукића која има наслов “Утицај термичких третмана на функционална својства аморфне масивне металне легуре $\text{Fe}_{65,5}\text{Cr}_4\text{Mo}_4\text{Ga}_4\text{P}_{12}\text{C}_5\text{B}_{5,5}$ ” Факултет Техничких наука – Чачак, Универзитет у Крагујевцу. Прилог - насловна страна докторске дисертације, захвалница, и списак чланова комисије за подобност теме и кандидата, комисије за оцену докторске дисертације, и комисије за одбрану докторске дисертације у којима је означено учешће др Небојше Лабуса,



УНИВЕРЗИТЕТ У КРАГУЈЕВЦУ
ФАКУЛТЕТ ТЕХНИЧКИХ НАУКА - ЧАЧАК

ПОДАЦИ О МЕНТОРУ И ЧЛАНОВИМА КОМИСИЈЕ

мр Братислав Чукић дипл. инж. мет.

УТИЦАЈ ТЕРМИЧКИХ ТРЕТМАНА НА ФУНКЦИОНАЛНА
СВОЈСТВА АМОРФНЕ МАСИВНЕ МЕТАЛНЕ ЛЕГУРЕ

$\text{Fe}_{65,5}\text{Cr}_4\text{Mo}_4\text{Ga}_4\text{P}_{12}\text{C}_5\text{B}_{5,5}$

ДОКТОРСКА ДИСЕРТАЦИЈА

Ментор:

Проф. др Небојша Митровић, редовни професор,
Факултет техничких наука у Чачку,
Универзитет у Крагујевцу,

Чланови комисије:

1. Др **Алекса Маричић**, професор емеритус,
Факултет техничких наука у Чачку,
Универзитет у Крагујевцу,

2. Др **Небојша Лабус**, научни сарадник,
Институт техничких наука САНУ Београд,

3. Др **Александра Калезић - Глишовић**, доцент,
Факултет техничких наука у Чачку,
Универзитет у Крагујевцу,

ИДЕНТИФИКАЦИОНА СТРАНИЦА ДОКТОРСКЕ ДИСЕРТАЦИЈЕ	
<i>I. Аутор</i>	
Име и презиме:	Братислав Чукић
Датум и место рођења:	05.11.1963. године у Косовској Митровици
Садашње запослење:	предавач струковних студија на ВШТСС, Чачак
<i>II. Докторска дисертација</i>	
Наслов:	Утицај термичких третирана на функционална својства аморфне масивне металне легуре $Fe_{85.5}Cr_4Mo_4GaP_{1.7}C_0.5B_{5.3}$
Број страница:	
Број слика:	
Број библиографских података:	
Установа и место где је рад израђен:	Универзитет у Крагујевцу, Факултет техничких наука Чачак
Научна област (УДК):	621.318.13.043.3
Ментор:	Др Небојша Митровић, редовни професор, Факултет техничких наука Чачак, Универзитет у Крагујевцу
<i>III. Оцена и одбрана</i>	
Датум пријаве теме:	06.02.2015. године
Број одлуке и датум прихватања докторске дисертације:	IV-04-116/19 од 09.04.2015. год.
Комисија за подобност теме и кандидата:	1. др Алекса Маричић, професор емеритус, Факултет техничких наука Чачак 2. др Небојша Митровић, редовни професор, Факултет техничких наука Чачак 3. др Небојша Ђабус, научни сарадник, Институт техничких наука САНУ, Београд
Комисија за оцену докторске дисертације:	1. др Алекса Маричић, професор емеритус, Факултет техничких наука Чачак, 2. др Небојша Ђабус, научни сарадник, Институт техничких наука САНУ, Београд, 3. др Александра Калеџић-Глишковић, доцент, Факултет техничких наука Чачак,
Комисија за одбрану докторске дисертације:	1. др Алекса Маричић, професор емеритус, Факултет техничких наука Чачак, 2. др Небојша Ђабус, научни сарадник, Институт техничких наука САНУ, Београд, 3. др Александра Калеџић-Глишковић, доцент, Факултет техничких наука Чачак,
Датум одбране дисертације:	

Предговор

За добијање савремених материјала потребна су дуга, тешка и скупа експериментална истраживања. Напредак и развој савремене технике зависи од развоја нових материјала који треба да одговоре све општријим захтевима са тачно дефинисаним карактеристикама које постављају конструктори нових уређаја. Значајно место међу новим материјалима имају легуре на бази гвожђа које имају широку примену у савременој електротехници и АММЛ на бази Fe које се интензивно испитују последње две деценије.

Истраживања спроведена у овој докторској дисертацији су део истраживања система Fe-(Cr,Mo,Ga)-(P,C,B) а као комплементарна са истраживањима која се спровode у другим европским лабораторијама.

Изузетна ми је част и обавеза да се захвалим свима онима који су својим радом, сугестијама и помоћи било које врсте помогли израду ове докторске тезе а посебно:

Ментору др Небојши Митровићу, редовном професору Факултета техничких наука у Чачку Универзитета у Крагујевцу изражавам дубоку захвалност за синтезу испитиване легуре, усмеравања при изради највећег дела обављених експерименталних резултата, помоћ саветима и примедбама око презентације и анализе добијених резултата.

Др Алекси Маричићу, професору емеритусу Факултета техничких наука у Чачку Универзитета у Крагујевцу захваљујем се на помоћи приликом експерименталног испитивања магнетне пермеабилности, саветима и подршци да истерајем на путу израде ове дисертације.

Др Небојши Ђабусу, научном сараднику Института техничких наука САНУ, Београду, захвалност на помоћи око проналажења одговарајуће литературе и анализе резултата термичког шпирења (дилатације) испитиваних узорака.

Институт техничких наука САНУ
Кнез Михаила 35/IV
11000 Београд
Србија

Институт техничких наука САНУ

Бр. 080/1
12.03. 20 18. год.
Кнез Михаила 35/IV, Београд, Тел 377
Тел. 2636-994, 2135-437, Факс: 2163-263

Потврда
о руковођењу пројектима и учешћу на пројектним задацима
др Небојше Лабуса

Овим потврђујем да је у оквиру пројекта ОИ 172057 - "Усмерена синтеза, структура и својства мултифункционалних материјала" финансираног од стране Министарства за просвету и науку Републике Србије, др Небојша Лабус руководиоц подпројектног задатка: Синтеза карактеризација и примена цинк-титанатних и феритних електрокерамика.

Др Небојша Лабус учествовао је такође и у руковођењу одељењем за термалне анализе у оквиру пројекта за основна истраживања ОИ 172057 републике Србије. Самосталност кандидатовог научног рада се огледа у управљању одељењем за термалну анализу у оквиру одсека за материјале у Институту техничких наука САНУ. Рад овакве врсте подразумева детаљну анализу резултата добијених уређајима за термалне аналитичке технике и то: дилатометра Bahr 802s и уређаја за диференцијалну термијску анализу Schimadzu DSC DTA 50. Такође самосталност у раду је остварена и овладавањем техникама припреме узорака за термалне анализе, нарочито техникама пресовања прашкастих узорака у калупима одговарајућих димензија на хидрауличној преси са двостраним дејством и употребом везива за случај тешко пресабилних прахова. Др Небојша Лабус унапредио је квалитет научног рада низом предавања намењених млађим сарадницима, остварених у оквиру пројекта за основна истраживања ОИ 172057 као што је било интерно предавање одржано 19. септембра 2012. године у сали 2 у згради САНУ на тему могуће употребе и примене технике дилатометрије под насловом "Дилатометрија и њена примена за проучавање процеса синтеровања". Такође показатељ успешности руковођења научним радом у оквиру пројекта је и низ успешно остварених обука млађих сарадника у руковању дилатометријским уређајем као и заједничких интерпретација дијаграма термалних техника.

Самосталност кандидата у научном раду, потврду ангажовања у руковођењу подпројектним задацима и одељењем за термалне анализе у оквиру пројекта ОИ 172057 као и наведеног доприноса унапређењу научног рада у оквиру области за коју се кандидат др Небојша Лабус предлаже за избор у наредно звање вишег научног сарадника потврђујем потписом

Београд, март. 2018. године

С поштовањем



Директор Института техничких наука САНУ
Академик Зоран Ђурић


Проф др Владимир Б. Павловић
научни саветник Института техничких наука САНУ
Редовни професор Пољопривредног факултета,
Универзитета у Београду
руководилац пројекта ОИ 172057