



УНИВЕРЗИТЕТ ОДБРАНЕ У БЕОГРАДУ  
Војна академија

ИЗВЕШТАЈ  
Комисије о пријављеним кандидатима за избор у звање наставника

I ПОДАЦИ О КОНКУРСУ И КОМИСИЈИ

( )

II БИОГРАФСКИ ПОДАЦИ О КАНДИДАТИМА

( )

( )

Даница (Мирко) Симић

,

, . 52-361. 04.05.2017.

,

11.02.1984.

,

:

4.

7, 11 307

,

.

, \_\_\_\_\_.

/

,

,

,

( )

2003.-2009.

,

-

,

e

8,38,

\_\_\_\_\_.

,

( )

,

,

,

( )

,

,

,

,

(

/

/

,

,

( )

,

,

/

( )

,

,

,

/

,

( )

,

,

2010.-2017.

,

,

-

, 9,77,

, \_\_\_\_\_

**II БИОГРАФСКИ ПОДАЦИ О КАНДИДАТИМА**

( )

"	-	"	: 09.11.2017.
( )	- STANAG,	( , , , )	
Енглески језик: STANAG 6001, _____			
Француски језик: DELF B1, _____			10
	30	( , , )	
/			
2011. , 5- <a href="#">formulations of the explosives</a> ,	Defence Academy		<a href="#">Manufacture and</a>
2012. 2-	"		
2010.62017.	-		
2017.- 2018.			

**III ОСТВАРЕНИ РЕЗУЛТАТИ**

( )

<b>Општи услови</b>
_____ ó _____ ó _____
<b>Обавезни услови</b>
а _____ ( , _____ )
, 23.10.2018., <a href="#">9.00</a> .
:
2014/15 - Е е е l
<a href="#">15</a> _____ е о а а 2 а е а а:
- е а Chawki Tennache, _____ " а е о е о е о а а а а а а
а а е о GAP е а", _____ , е о а , а 2015.;
- е ssia Tabouche, _____ " ја ја а ој е о а је а а
е е а", _____ , е о а , а 2015.
2017/18. - _____ 140.
, 15 _____
( / ) _____ ( _____ )
_____ .204-64 05.11.2018.
21, 22, 23 - _____ , _____ ( _____ ), _____ - , DOI ( _____ ), ISSN _____ , _____ ( _____ )

- 21 :

1. [Danica M. Simi](#) , Du-ica B. Stojanovi , Sa-a J. Brzi , Ljubica Totovski, Petar S. Uskokovi , Radoslav R. Aleksi : *Aramid hybrid composite laminates reinforced with inorganic fullerene-like tungsten disulfide nanoparticles*, Composites: Part B: Engineering 123 (2017) 10-18, <http://dx.doi.org/10.1016/j.compositesb.2017.05.002>, ISSN 1359-8368, IF (2016) = 4.727

- 21:

1. [Danica Simi](#) , Du-ica B. Stojanovi , Aleksandar Kojovi , Mirjana Dimi , Ljubica Totovski, Petar S. Uskokovi , Radoslav Aleksi , *Inorganic fullerene-like IF-WS<sub>2</sub>/PVB nanocomposites of improved thermo-mechanical and tribological properties*, Materials Chemistry and Physics 184 (2016) 335-344, doi: 10.1016/j.matchemphys.2016.09.060

- 22:

1. [Danica Simi](#) , Uro- Andjeli , Dragan Knefevi , Katarina Savi , Vladimir Dragani , Radoslav Sirovatka, Ljubi-a Tomi , *Thermobaric effects of cast composite explosive of different charge mass and dimensions*, Central European Journal of Energetic Materials, 2016, Vol. 13, No 1, p. 161-182, ISSN 1733-7178.
2. Nikola Bobi , Slavica Terzi , Mirjana Dimi , [Danica Simi](#) , Jasmina Nikoli , Sa-a Drmani , *The Verification of TH-5 Explosive Quality*, Propellants, Explosives and Pyrotechnics, Volume 41, Issue 1, 2016 p.1206125.

- 23:

1. Ijeljko Seni , Sonja Bauk, [Danica Simi](#) , Maja Vitorovi -Todorovi , Tatjana Markovi , Anton Radojkovi , Du-an Raji : *The preliminary comparative analysis of different routes for TiO<sub>2</sub> nanoparticles synthesis and their deposition on textiles. the methyl-orange degradation and VX detoxication study*, Digest Journal of Nanomaterials and Biostructures, Vol. 8, No. 2, 2013, p. 711 ó 719, ISSN: 1842-3582.
2. Sa-a J. Brzi , Ljiljana N. Jelisavac, Jela R. Galovi , [Danica M. Simi](#) , Jelena Lj. Petkovi : *Viscoelastic properties of Hydroxyl-terminated poly(butadiene) based composite rocket propellants*, Hemijska industrija (2014), vol. 68 br.4, str. 435-443, ISSN: 0367-598X.

51, 52, 53 - , , , ( ), - , DOI ( ), ISSN ,

- 51:

1. Dragana S. Lazi , [Danica M. Simić](#), Aleksandra D. Samolov, Desimir Jovanovi , Properties of standard polymeric and water-based coatings for military camouflage protection with addition of inorganic fullerene-like tungsten disulphide (IF-WS<sub>2</sub>) nanoparticles, Scientific Technical Review, 2017, Vol. 67, No.1, pp.38-44.
2. [Danica M. Simić](#), Du-ica B. Stojanovi , Mirjana Dimi , Ljubica Totovski, Sa-a Brzi , Petar S. Uskokovi , Radoslav R. Aleksi : Preliminary analysis of the possibility of preparing PVB/IF-WS<sub>2</sub> composites. Effect of nanoparticles addition on thermal and rheological behavior of PVB, Scientific Technical Review, 2016, Vol. 66, No.4, pp. 15-21, YU ISSN 1820 0206. (uredni-tvo je odabralo ovaj rad kao jedan od 10 u celosti preuzetih s konferencije OTEH 2016 i -tampanih u asopisu)
3. Jelena Petkovi -Cvetkovi , Vladimir Milovi , Sini-a Pa-agi , [Danica Simić](#), Ljiljana Jelisavac, Jovica Ne-i , Pyrotechnic Mixtures for Production of Gas Generator Charges for Base Bleed Projectiles Based on Ascorbic Acid as an Organic Fuel, Scientific Technical Review, ISSN 1820 0206, 2016, Vol. 66, No.3, pp.21-25.
4. Sini-a Jovan i , [Danica Simić](#), *Design of shoulder - launched unguided rocket with thermobaric warhead*, Scientific Technical Review, ISSN 1820 0206, 2015, Vol.65, No.4, pp.3-15.
5. Sa-a Brzi , Vesna Rodi , Mirjana Dimi , [Danica Simić](#), Ljiljana Jelisavac, Marica Bogosavljevi , *Influence of 1,4-butanediol on Hydroxyl-Terminated Poly(butadiene) Based Composite Propellant Binder Characteristics*, Scientific Technical Review, 2015, Vol.65, No.3, pp.55-60.
6. Uro- An eli , [Danica Simić](#), A Simple Two-point Parallel Initiation System, Scientific Technical Review, 2015, Vol.65, No 2, pp 40-44.
7. [Danica Simić](#), Mirjana Nikoli : *6th International Scientific Conference on defensive technologies OTEH 2014 – reviw*, Scientific Technical Review , vol. 64, br.4, 2014. YU ISSN 1820 0206
8. [Danica Simić](#), Milorad Popovi , Radoslav Sirovatka, Uro- An eli : *Influence of Cast Composite Thermobaric Explosive Compositions on Air Shock Wave Parameters*, Scientific Technical Review, 2013, Vol.63, No.2, pp.63-69, YU ISSN 1820 0206
9. [Danica Simić](#), Jelena Petkovi , Aleksandar Milojkovi , Sa-a Brzi : *Influence of Composition on the Processability of Thermobaric Explosives*, Scientific Technical Review, 2013, Vol.63, No.3, pp.3-8, YU ISSN 1820 0206
10. Vesna Dflingala-evi , Gordana Anti , [Danica Simić](#), Zoran Borkovi : *Influence of Explosive Composition and Structure on Shock to Detonation Transition*, Scientific Technical Review, 2013, Vol.63, No.1, pp.52-62, YU ISSN 1820 0206

1. 21 : [Danica M. Simi](#) , Du-ica B. Stojanovi , Sa-a J. Brzi , Ljubica Totovski, Petar S. Uskokovi , Radoslav R. Aleksi : *Aramid hybrid composite laminates reinforced with inorganic fullerene-like tungsten disulfide nanoparticles*, Composites: Part B: Engineering 123 (2017) 10-18, <http://dx.doi.org/10.1016/j.compositesb.2017.05.002>, ISSN 1359-8368, IF (2016) = 4.727
2. 21: [Danica Simi](#) , Du-ica B. Stojanovi , Aleksandar Kojovi , Mirjana Dimi , Ljubica Totovski, Petar S. Uskokovi , Radoslav Aleksi , *Inorganic fullerene-like IF-WS<sub>2</sub>/PVB nanocomposites of improved thermo-mechanical and tribological properties*, Materials Chemistry and Physics 184 (2016) 335-344, doi: 10.1016/j.matchemphys.2016.09.060
3. 22: [Danica Simi](#) , Uro- Andjeli , Dragan Knefevi , Katarina Savi , Vladimir Dragani , Radoslav Sirovatka, Ljubi-a Tomi , *Thermobaric effects of cast composite explosive of different charge mass and dimensions*, Central European Journal of Energetic Materials, 2016, Vol. 13, No 1, p. 161-182, ISSN 1733-7178.
4. 51: [Danica M. Simić](#), Du-ica B. Stojanovi , Mirjana Dimi , Ljubica Totovski, Sa-a Brzi , Petar S. Uskokovi , Radoslav R. Aleksi : Preliminary analysis of the possibility of preparing PVB/IF-WS<sub>2</sub> composites. Effect of nanoparticles addition on thermal and rheological behavior of PVB, Scientific Technical Review, 2016, Vol. 66, No.4, pp. 15-21, YU ISSN 1820 0206.
5. 51: [Danica Simić](#), Mirjana Nikoli : *6th International Scientific Conference on defensive technologies OTEH 2014 – reviw*, Scientific Technical Review , vol. 64, br.4, 2014. YU ISSN 1820 0206
6. 51: [Danica Simić](#), Milorad Popovi , Radoslav Sirovatka, Uro- An eli : *Influence of Cast Composite Thermobaric Explosive Compositions on Air Shock Wave Parameters*, Scientific Technical Review, 2013, Vol.63, No.2, pp.63-69, YU ISSN 1820 0206
7. 51: [Danica Simić](#), Jelena Petkovi , Aleksandar Milojkovi , Sa-a Brzi : *Influence of Composition on the Processability of Thermobaric Explosives*, Scientific Technical Review, 2013, Vol.63, No.3, pp.3-8, YU ISSN 1820 0206

**Изборни услови**

**1. Стручно-професионални допринос**

1.	/	( , , )
-	, Т -004-01-1160, 2017.	,
-	, -04-01-0852, 2014.	,
-	, , PBX , -04-01-0796, 2014.	,
-	š . 644-18 21.06.2017. . PBX	
2.	/	( , , )
/		
3.	/	( / )
"	"	
	77-7 03.08.2017. ., <a href="#">-48</a>	
4.	/	( , , )
/		
5.	ó ó	( , , )
/		
6.	, , ,	( , , )
/		
7.	, ,	( , , - , )
/		
8.	,	

<p>) ( , , )</p> <p>- e e a o e a o o a aja Central European Journal of Energetic Materials ( a e o ja M22-23 ISSN 1733-7178, ISSN 2353-1843), e e ja a a CEJEM-00613-2016-01: "Studies of confined explosions of composite explosives and layered charges", 2016.</p> <p>- e e Scientific Technical Review ( a e o ja 51, ISSN 1820 0206), 2018.</p> <p>- e e 2018.</p>
<p>9. ( , , )</p> <p>- 1115P "</p> <p>04-01-1220 oje a a o e T 25.07.2018. o e( 2016. ) - T -</p> <p>- 5I01P "</p> <p>2010-2018.</p> <p>- oje e o o o a oja M a a o e e, a e e o o o a oja e e je o a o :"</p> <p>34034, , 2011-2018.</p>
<p>10. ( ) ( )</p> <p>oje e o o o a oja M a a o e e, a e e o o o a oja e e je o a o :"</p> <p>34034, 2010. , 2011. 2018.</p>
<p>11. ( , )</p>
<p>/</p> <p>12. ( ) - / , , .</p> <p>/</p>
<p>13. ( , )</p> <p>1. _____ 2014. ,</p> <p>2. , . 34-64, 2014.</p> <p>3. 7 , , 2017.</p> <p>4. _____ 2017.</p> <p>5. _____ 2018. . 2018.</p>
<p>14. ( )</p> <p>/</p>
<p>15. ( )</p> <p>/</p>
<p>16. , , ( , , )</p> <p>- ,</p> <p>- 2013-2018.</p> <p>- " , 6.</p> <p>" 2017". , 8.</p> <p>- "Production and usage of pressed and cast charges" (Terzi Slavica, Simi Danica) 6. " 2013".</p>

- 18.12.2016.	10.	15.12.-
17.	/	(
18.	/	(
19.	/	(
20.	/	(
21.	/	(
22.	/	(
23.	/	24, 51- 53 (
<b>2. Допринос академској и широј заједници</b>		
1.	(	(
2.	(	(
3.	(	(
4.	(	(
5.	(	(
6.	(	(
7.	(	(
8.	(	(
9.	(	(

10.	- ( )
/	
11.	( )
/	
12.	- : ( ), ISBN , ISBN , ISBN , Vol. 53, No. 2, 2016. <a href="#">PBX</a> , ISSN 1820-3418
13.	( )
/	
14.	( ) - , ISSN
<p>51:</p> <ol style="list-style-type: none"> <li>1. Dragana S. Lazi , <a href="#">Danica M. Simić</a>, Aleksandra D. Samolov, Desimir Jovanovi , Properties of standard polymeric and water-based coatings for military camouflage protection with addition of inorganic fullerene-like tungsten disulphide (IF-WS<sub>2</sub>) nanoparticles, Scientific Technical Review, 2017, Vol. 67, No.1,pp.38-44.</li> <li>2. <a href="#">Danica M. Simić</a>, Du-ica B. Stojanovi , Mirjana Dimi , Ljubica Totovski, Sa-a Brzi , Petar S. Uskokovi , Radoslav R. Aleksi : Preliminary analysis of the possibility of preparing PVB/IF-WS<sub>2</sub> composites. Effect of nanoparticles addition on thermal and rheological behavior of PVB, Scientific Technical Review, 2016, Vol. 66, No.4, pp. 15-21, YU ISSN 1820 0206. (uredni-tvo je odabralo ovaj rad kao jedan od 10 u celosti preuzetih s konferencije OTEH 2016 i -tampanih u asopisu)</li> <li>3. Jelena Petkovi -Cvetkovi , Vladimir Milovi , Sini-a Pa-agi , <a href="#">Danica Simić</a>, Ljiljana Jelisavac, Jovica Ne-i , Pyrotechnic Mixtures for Production of Gas Generator Charges for Base Bleed Projectiles Based on Ascorbic Acid as an Organic Fuel, Scientific Technical Review, ISSN 1820 0206, 2016, Vol. 66, No.3, pp.21-25.</li> <li>4. Sini-a Jovan i , <a href="#">Danica Simić</a>, <i>Design of shoulder - launched unguided rocket with thermobaric warhead</i>, Scientific Technical Review, ISSN 1820 0206, 2015, Vol.65, No.4, pp.3-15.</li> <li>5. Sa-a Brzi , Vesna Rodi , Mirjana Dimi , <a href="#">Danica Simić</a>, Ljiljana Jelisavac, Marica Bogosavljevi , <i>Influence of 1,4-butanediol on Hydroxyl-Terminated Poly(butadiene) Based Composite Propellant Binder Characteristics</i>, Scientific Technical Review, 2015, Vol.65, No.3,pp.55-60.</li> <li>6. Uro- An eli , <a href="#">Danica Simić</a>, A Simple Two-point Parallel Initiation System, Scientific Technical Review, 2015, Vol.65, No 2, pp 40-44.</li> <li>7. <a href="#">Danica Simić</a>, Mirjana Nikoli : <i>6th International Scientific Conference on defensive technologies OTEH 2014 - reviw</i>, Scientific Technical Review , vol. 64, br.4, 2014. YU ISSN 1820 0206</li> <li>8. <a href="#">Danica Simić</a>, Milorad Popovi , Radoslav Sirovatka, Uro- An eli : <i>Influence of Cast Composite Thermobaric Explosive Compositions on Air Shock Wave Parameters</i>, Scientific Technical Review, 2013, Vol.63, No.2, pp.63-69, YU ISSN 1820 0206</li> <li>9. <a href="#">Danica Simić</a>, Jelena Petkovi , Aleksandar Milojkovi , Sa-a Brzi : <i>Influence of Composition on the Processability of Thermobaric Explosives</i>, Scientific Technical Review, 2013, Vol.63, No.3, pp.3-8, YU ISSN 1820 0206</li> <li>10. Vesna Dflingala-evi , Gordana Anti , <a href="#">Danica Simić</a>, Zoran Borkovi : <i>Influence of Explosive Composition and Structure on Shock to Detonation Transition</i>, Scientific Technical Review, 2013, Vol.63, No.1, pp.52-62, YU ISSN 1820 0206</li> </ol>	
<b>3. Сарадња са другим високошколским, односно научноистраживачким институцијама у земљи и иностранству</b>	
1.	( ) - ; ( )
/	
2.	( )
	-

3.	( ) -
/	
4.	( , , )
/	
5.	( ) - , ,
/	
6.	( ; ): - ( 63, 64) - , , , / , 6 , , - , , ,
- 63:	
1. <a href="#">Danica Simi</a> , Mirjana Dimi , Bojana Fidanovski, Uro– An eli , <i>Processability of cast composite explosives</i> , 30. Me unarodni kongres o procesnoj industriji PROCESING 2017 Beograd, 01-02. jun 2017. ISBN 978-86-81505-83-0, 83-92.	
2. <a href="#">Danica M. Simi</a> , Du-ica B. Stojanovi , Ljubica Totovski, Petar S. Uskokovi , Radoslav Aleksi , <i>Aramid/PVB/WS<sub>2</sub> advanced composite material thermo-rheological properties</i> , 29. Me unarodni kongres o procesnoj industriji PROCESING 16 Beograd, 2-3. jun 2016. ISBN 978-86-81505-81-6, p. 113-125.	
3. Mirjana Dimi , <a href="#">Danica Simi</a> , Slavica Terzi , Bojana Fidanovski, Uro– An eli , <i>Recycled explosive characterization and estimation of processing possibilities</i> , 29. Me unarodni kongres o procesnoj industriji PROCESING 16 Beograd, 2-3. jun 2016. ISBN 978-86-81505-81-6, 87-102.	
- M 64:	
1. <a href="#">Danica M. Simi</a> , Jelena LJ. Petkovi : <i>Uticaj sastava na procesibilnost livenih kompozitnih eksploziva</i> , Prva konferencija mladih hemi ara Srbije, str.101. ISBN 978-86-7132-050-4, Beograd, 2012.	
2. Jelena LJ. Petkovi , Sini-a D. Pa-agi , <a href="#">Danica M. Simi</a> : <i>Malodimne usporačke pirotehničke smeše na bazi mangana kao goriva</i> , Prva konferencija mladih hemi ara Srbije, str. 98. ISBN 978-86-7132-050-4, Beograd 2012.	
7.	( ): - ( 33, 34) - , , , / , 6 , , - , , ,
<b>Рад саопштен на скупу међународног значаја штампан у целини - М 33:</b>	
1. Uro– An eli , <a href="#">Danica Simi</a> , Slavica Terzi , Ivan Dimitrijevi , Zoran Borkovi , <i>Improvement of experimental method for detonation velocity determination</i> , 8 <sup>th</sup> International Scientific Conference on Defensive Technologies OTEH 2018, Belgrade, 11-12 October 2018. Proceedings, ISBN 978-8681123-88-1, pp. 189-193.	
2. Ivan Dimitrijevi , <a href="#">Danica Simi</a> , Slavica Terzi , Mirjana Dimi , Ljubica Totovski, Zoran Borkovi , <i>Quantification of the tritonal thermal effect by optical pyrometry</i> , 8 <sup>th</sup> International Scientific Conference on Defensive Technologies OTEH 2018, Belgrade, 11-12 October 2018. Proceedings, ISBN 978-8681123-88-1, pp. 194-199.	
3. Aleksandra Samolov, <a href="#">Danica Simi</a> , LjubicaTotovski, <i>Spectrophotometric properties of PVB/WS<sub>2</sub> thin films</i> , 8 <sup>th</sup> International Scientific Conference on Defensive Technologies OTEH 2018, Belgrade, 11-12 October 2018. Proceedings, ISBN 978-8681123-88-1, pp. 416-420.	
4. Milica Marjanovi , <a href="#">Danica Simi</a> , Srdja Perkovi , Jela Galovi , Zijah Burzi , Ana Tasi , Sladjan Grga, <i>Analysis of use of carbon-epoxy composites reinforced with nano-structures of tungsten disulfide for aircraft structures</i> , 8 <sup>th</sup> International Scientific Conference on Defensive Technologies OTEH 2018, Belgrade, 11-12 October 2018. Proceedings, ISBN 978-8681123-88-1, pp. 468-472.	
5. Danica M. Simi , Du-ica B. Stojanovi , Novica Ristovi , Milorad Zrili , Zijah Burzi , Milica Marjanovi , Petar S. Uskokovi , Radoslav Aleksi , <i>Ballistic composites reinforced with inorganic nanotubes of tungsten disulfid</i> , AuxDefense 2018 - 1st World Conference on Advanced Materials for Defense, 03. ó 04.09.2018. Lisabon, Portugal.	
6. Simi ,D.M., Dimitrijevi ,I.D., Sirovatka,R.S., Kneflevi ,D.M., Mi-kovi ,K., Totovski,Lj.: <i>Thermobaric performance of cast PBX with nanosized aluminium</i> , 49th International Annual Conference of the Fraunhofer ICT, Karlsruhe,	



GERMMANY, 26-29. June 2018, pp. 131/1-131/12.

7. Zoran Baji , Jovica Bogdanov, Marko Savkovi , Danica Simi , Jovica Ne-i , *Combustion temperature measurement of calcium sulfate dihydrate/aluminium thermite mixture*, 21th Seminar on New Trends in Research of Energetic Materials NTREM 2018, Pardubice, Czech Republic, April 18-20, 2018, Proceedings.
8. Danica M. Simi , Du-ica B. Stojanovi , Mirjana Dimi , Ljubica Totovski, Sa-a Brzi , Petar S. Uskokovi , Radoslav R. Aleksi , *Preliminary analysis of the possibility of preparing PVB/IF-WS<sub>2</sub> composites. Effect of nanoparticles addition on thermal and rheological behavior of PVB*, 7<sup>th</sup> International Scientific Conference on Defensive Technologies OTEH 2016, Belgrade, 6-7 October 2016. Proceedings, ISBN 978-86-81123-82-9, pp. 618-623.
9. Dragana S. Lazi , Danica M. Simi , Aleksandra D. Samolov, *Effect of IF-WS<sub>2</sub> nanoparticles addition on physical-mechanical and rheological properties and on chemical resistance of polymeric coating and polyurethane paint*, 7<sup>th</sup> International Scientific Conference on Defensive Technologies OTEH 2016, Belgrade, 6-7 October 2016. Proceedings, ISBN 978-86-81123-82-9, pp. 609-613.
10. Uro-An eli , Danica M. Simi , Dragan Kneflevi , Marko Devi , *Visualizing the thermal effect of thermobaric explosives*, 7th International Scientific Conference on Defensive Technologies OTEH 2016, Belgrade, 6-7 October 2016. Proceedings, ISBN 978-86-81123-82-9, pp. 288-292.
11. Simi Danica, Sirovatka Radoslav, An eli Uro-, Bogdanov Jovica, Terzi Slavica, *Thermobaric effect comparison of cast thermobaric PBX and TNT in enclosure test*, 19th Seminar on New Trends in Research of Energetic Materials NTREM 2016, Pardubice, Czech Republic, April 18-20, 2016, Proceedings pp. 947-953.
12. Jovica Bogdanov, Zoran Baji , Danica Simi , Uro-An eli ,Radoslav Sirovatka, Radenko Dimitrijevi , *Blast performance of gun propellants*, 19th Seminar on New Trends in Research of Energetic Materials NTREM 2016, Pardubice, Czech Republic, April 18-20, 2016, Proceedings pp. 419-426.
13. Danica Simi , Uro-Andjeli , Dragan Kneflevi , Katarina Mi-kovi , Sini-a Ga i , Slavica Terzi , Sa-a Brzi , *Quantification of thermal effect of a thermobaric detonation by infrared imaging technique*, 18th Seminar on New Trends in Research of Energetic Materials NTREM 2015, Pardubice, Czech Republic, April 15-17, Proceedings (ISSN 978-80-7395-891-6), pp 829-838, 2015.
14. Uro-Andjeli , Danica Simi , *Two-point initiation by plastic explosive channels*, 18th Seminar on New Trends in Research of Energetic Materials NTREM 2015, Pardubice, Czech Republic, April 15-17, Proceedings (ISSN 978-80-7395-891-6), pp 433-438, 2015.
15. Danica Simic, Danilo Serdarevic, Sasa Savic, Sinisa Gacic, Slavica Terzic, Uros Andjelic, *Quality and performance verification of cast PBX explosive*, 6th International Scientific Conference on Defensive Technologies OTEH 2014, Belgrade, 09-10 october 2014. Proceedings, p. 418-424, ISBN 978-86-81123-71-3, COBISS.SR-ID 210344204
16. Slavica Terzic, Danica Simic, Uros Andjelic, Sinisa Petrovic, Danka Simic: *Explosive properties and processing possibilities of recycled trinitrotoluene*, 6th International Scientific Conference on Defensive Technologies OTEH 2014, Belgrade, 09-10 october 2014. Proceedings, p. 372-375, ISBN 978-86-81123-71-3, COBISS.SR-ID 210344204
17. Vesna Dfingala-evi , Gordana Anti , Danica Simi , Zoran Borkovi : *Shock to detonation transition of high explosives investigation*, 5th International Scientific Conference on Defensive Technologies, OTEH 2012, Belgrade, 18-19 september 2012. Proceedings, r. 326-337, ISBN 978-86-81123-58-4

**Рад саопштен на скупу међународног значаја штампан у изводу - М 34:**

1. Danica . Simi , Dusica B. Stojanovi , Aleksandar Kojovi , Mirjana Dimi , Petar Uskokovi , Radoslav Aleksi , *Tribomechanical and thermal properties of PVB thin films reinforced with nano IF-WS<sub>2</sub>*, Book of Abstracts / COST MP1402 Scientific Workshop "ALD and related ultra-thin film processes for advanced devices", 29-30 August, 2017, Belgrade, p. 28, ISBN 978-86-81405-22-2, COBISS.SR-ID 242328076 (the workshop is organized as a satellite event of VI International School and Conference on Photonics PHOTONICA'17).
2. Dragana Lazi , Danica Simi , Aleksandra Samolov, *Effect of nano-IF-WS<sub>2</sub> and INT-WS<sub>2</sub> on physical-mechanical and camouflage properties of military coatings*, Book of Abstracts / COST MP1402 Scientific Workshop "ALD and related ultra-thin film processes for advanced devices", 29-30 August, 2017, Belgrade, p. 30, ISBN 978-86-81405-22-2.
3. Maja Vitorovi -Todorovi , Danica Simi , *Can we use nanotechnologies to develop self-decontaminating CBRN protective suits?*, Book of Abstracts / COST MP1402 Scientific Workshop "ALD and related ultra-thin film processes for advanced devices", 29-30 August, 2017, Belgrade, p. 14, ISBN 978-86-81405-22-2.
4. Danica M. Simi , Du-ica B. Stojanovi , Ana Tasi , Petar S. Uskokovi , Radoslav R. Aleksi , *Effect of IF-WS<sub>2</sub>*

*nanoparticles addition on thermo-rheological and mechanical behavior of aramid/phenolic resin/PVB composite material*, The eighteenth annual conference YUCOMAT 2016, Herceg Novi, Montenegro, September 5-10, 2016, page 89.

5. Dragana Lazi , Danica Simi , Aleksandra Samolov, *Effect of IF-WS<sub>2</sub> nanoparticles addition on physical-mechanical and rheological properties and on chemical resistance of water-based paints*, The eighteenth annual conference YUCOMAT 2016, Herceg Novi, Montenegro, September 5-10, 2016, page 87.
6. Danica Simi , Du-ica B. Stojanovi , Aleksandar Kojovi , Ljubica Totovski, Zijah Burzi , Petar S. Uskokovi , Radoslav Aleksi , *Ultrasonic deagglomeration of tungsten disulfide nanoparticles (WS<sub>2</sub>) in different solvents for enhancing nanomechanical properties in poly (vinyl butyral) (PVB) nanocomposites*, The sixteenth annual conference YUCOMAT 2014, Herceg Novi, Montenegro, September 1-5, 2014, page 101.
7. Bauk Sonja, Seni fieljko, Simi Danica, Vitorovi -Todorovi Maja, Markovi Tatjana, Radojkovi Anton, Raji Du-an: *Methyl orange degradation and VX detoxication of nano-TiO<sub>2</sub> treated standard military textile*, 8th International Conference of the chemical Societies of the South-Eastern European Countries ó ICOSECS-8, June 27-29, 2013. Belgrade, Book of abstracts, Serbian chemical society, page 91, ISBN 978-86-7132-053-5.

8. ( , , )

/

9. - ) (

/

10. , , ( - ) - , ,

/

11. , , - ,

/

12. ) - , , (

/

13. - , , , ,

/

14. -

/

15. - , , -

/

16. / ( , , , , ) ,

/

17. , / , ) (

- 6. 2014,
- 5. 2012.
- " , 6.
- , 8. " 2017".
- "Production and usage of pressed and cast charges" (Terzi Slavica, Simi Danica) 6.
- " 2013".
- 10. , " 15.12.-18.12.2016.
- , - " "

18. ( , , , )

) - , , , ,

/

19. 33, 34, 63 64 /  
( ) - , , ,

- Danica M. Simi , Du-ica B. Stojanovi , Novica Ristovi , Milorad Zrili , Zijah Burzi , Milica Marjanovi , Petar S. Uskokovi , Radoslav Aleksi , *Ballistic composites reinforced with inorganic nanotubes of tungsten disulfid* , AuxDefense 2018 - 1st World Conference on Advanced Materials for Defense, 03. ó 04.09.2018. Lisabon, Portugal.
- Zoran Baji , Jovica Bogdanov, Marko Savkovi , Danica Simi , Jovica Ne-i , *Combustion temperature measurement of calcium sulfate dihydrate/aluminium thermite mixture*, 21th Seminar on New Trends in Research of Energetic Materials NTREM 2018, Pardubice, Czech Republic, April 18-20, 2018, Proceedings.
- Danica M. Simi , Du-ica B. Stojanovi , Mirjana Dimi , Ljubica Totovski, Sa-a Brzi , Petar S. Uskokovi , Radoslav R. Aleksi , *Preliminary analysis of the possibility of preparing PVB/IF-WS<sub>2</sub> composites. Effect of nanoparticles addition on thermal and rheological behavior of PVB*, 7<sup>th</sup> International Scientific Conference on Defensive Technologies OTEH 2016, Belgrade, 6-7 October 2016. Proceedings, ISBN 978-86-81123-82-9, pp. 618-623.
- Simi Danica, Sirovatka Radoslav, An eli Uro-, Bogdanov Jovica, Terzi Slavica, *Thermobaric effect comparison of cast thermobaric PBX and TNT in enclosure test*, 19th Seminar on New Trends in Research of Energetic Materials NTREM 2016, Pardubice, Czech Republic, April 18-20, 2016, Proceedings pp. 947-953.
- Jovica Bogdanov, Zoran Baji , Danica Simi , Uro-An eli ,Radoslav Sirovatka, Radenko Dimitrijevi , *Blast performance of gun propellants*, 19th Seminar on New Trends in Research of Energetic Materials NTREM 2016, Pardubice, Czech Republic, April 18-20, 2016, Proceedings pp. 419-426.
- Danica Simi , Uro-Andjeli , Dragan Kneflevi , Katarina Mi-kovi , Sini-a Ga i , Slavica Terzi , Sa-a Brzi , *Quantification of thermal effect of a thermobaric detonation by infrared imaging technique*, 18th Seminar on New Trends in Research of Energetic Materials NTREM 2015, Pardubice, Czech Republic, April 15-17, Proceedings (ISSN 978-80-7395-891-6), pp 829-838, 2015.
- Danica Simic, Danilo Serdarevic, Sasa Savic, Sinisa Gacic, Slavica Terzic, Uros Andjelic, *Quality and performance verification of cast PBX explosive*, 6th International Scientific Conference on Defensive Technologies OTEH 2014, Belgrade, 09-10 october 2014. Proceedings, p. 418-424, ISBN 978-86-81123-71-3, COBISS.SR-ID 210344204
- Slavica Terzic, Danica Simic, Uros Andjelic, Sinisa Petrovic, Danka Simic: *Explosive properties and processing possibilities of recycled trinitrotoluene*, 6th International Scientific Conference on Defensive Technologies OTEH 2014, Belgrade, 09-10 october 2014. Proceedings, p. 372-375, ISBN 978-86-81123-71-3, COBISS.SR-ID 210344204.

**IV АНАЛИЗА РАДА КАНДИДАТА**

( , 1/2 )

**V МИШЉЕЊЕ О ИСПУЊЕНОСТИ УСЛОВА ЗА ИЗБОР**

( )

**VI ПРЕГЛЕД ИСПУЊЕНИХ УСЛОВА**

( )

**VII ПРЕДЛОГ ЗА ИЗБОР КАНДИДАТА У ЗВАЊЕ НАСТАВНИКА**

( )

**ПОТПИС КАНДИДАТА**

\_\_\_\_\_