

Примљено. 05.10.2018.

05.10.

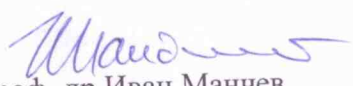
ОРГ. ЈЕД.	Б р о ј	Прилог	Вредност
01	950/6		

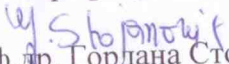
На основу члана 121 Статута ПМФ-а одређени смо одлуком декана бр. 202/2-01 за чланове комисије за категоризацију радова M21A, M21, M22 и M23 пријављених кандидата за избор наставника. На основу приложене документације подносимо следећи извештај

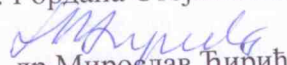
Кандидат	Бр.радова M21A	Бр.радова M21	Бр.радова M22	Бр.радова M23	Укупно поена
Сузана Стаменковић	0	12	9	6	159

У прилогу се налазе бодовани радови.

У Нишу, 5. октобар 2018.


Проф. др Иван Манчев


Проф. др. Гордана Стојановић


Проф. др Мирослав Ђирић

Радови објављени у врхунским међународним часописима M21

1. V. Lj. Marković, S. R. Gocić, **S. N. Stamenković** and Z. Lj. Petrović, "Study of relaxation kinetics in argon afterglow by the breakdown time delay measurements", *PHYSICS OF PLASMAS* **Volume: 12 Issue: 7 Article Number: 073502 DOI: 10.1063/1.1942499** (July 2005)
<https://aip.scitation.org/doi/10.1063/1.1942499>
2. V. Lj. Marković, **S. N. Stamenković**, S. R. Gocić and Z. Lj. Petrović, "Experiment for measurements of the gas breakdown statistics by ramp voltage pulses", *REVIEW OF SCIENTIFIC INSTRUMENTS* **Volume: 77 Issue: 9 Article Number: 096104 DOI: 10.1063/1.2337099** (September 2006)
<https://aip.scitation.org/doi/10.1063/1.2337099>
3. V. Lj. Marković, S. R. Gocić and **S. N. Stamenković**, "New distributions of the statistical time delay of electrical breakdown in nitrogen", *JOURNAL OF PHYSICS D-APPLIED PHYSICS* **Volume: 39 Issue: 15 Pages: 3317-3322 DOI: 10.1088/0022-3727/39/15/014** (July 2006)
<http://iopscience.iop.org/article/10.1088/0022-3727/39/15/014/meta>
4. V. Lj. Marković, S. R. Gocić, **S. N. Stamenković** and Z. Lj. Petrović, "Metastable and charged particle decay in neon afterglow studied by the breakdown time delay measurements", *PHYSICS OF PLASMAS* **Volume: 14 Issue: 10 Article Number: 103504 DOI: 10.1063/1.2779279** (October 2007)
<https://aip.scitation.org/doi/10.1063/1.2779279>
5. V. Lj. Marković, S. R. Gocić and **S. N. Stamenković**, "Fluctuations and correlations of the formative and statistical time delay in neon", *JOURNAL OF PHYSICS D-APPLIED PHYSICS* **Volume: 42 Issue: 1 Article Number: 015207 DOI: 10.1088/0022-3727/42/1/015207** (January 2009)
<http://iopscience.iop.org/article/10.1088/0022-3727/42/1/015207/meta>
6. S. R. Gocić, V. Lj. Marković and **S. N. Stamenković**, "Determination of correlation coefficient of the statistical and formative time delay in nitrogen", *JOURNAL OF PHYSICS D-APPLIED PHYSICS* **Volume: 42 Issue: 21 Article Number: 212001 DOI: 10.1088/0022-3727/42/21/212001** (November 2009)
<http://iopscience.iop.org/article/10.1088/0022-3727/42/21/212001/meta>
7. V. Lj. Marković, S. R. Gocić and **S. N. Stamenković** "Breakdown probability of neon under the influence of field electron emission and surface charges on the cathode surface", *APPLIED PHYSICS LETTERS* **Volume: 96 Issue: 6 Article Number: 061501 DOI: 10.1063/1.3310020** (February 2010)
<https://aip.scitation.org/doi/abs/10.1063/1.3310020>
8. **S. N. Stamenković**, S. R. Gocić, V. Lj. Marković and A. P. Jovanović, "Multi-component non-stationary exponential distributions of the breakdown voltages and time delays in neon ramp breakdown experiments", *JOURNAL OF APPLIED PHYSICS* **Volume: 110 Issue: 10 Article Number: 103304 DOI: 10.1063/1.3660687** (November 2011)
<https://aip.scitation.org/doi/abs/10.1063/1.3660687>

9. V. Lj. Marković, A. P. Jovanović, **S. N. Stamenković** and B. Č. Popović, "From binomial distribution of electron occurrence to Gauss and Gauss-exponential distribution of the statistical time delay: Analytical transition and simulations", *EPL* **Volume: 100 Issue: 4 Article Number: 45002 DOI: 10.1209/0295-5075/100/45002** (November 2012)
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10. A. P. Jovanović, M. N. Stankov, V. Lj. Marković and **S. N. Stamenković**, "The validity of the one-dimensional fluid model of electrical breakdown in synthetic air at low pressure", *EPL* **Volume: 104 Issue: 6 Article Number: 65001 DOI: 10.1209/0295-5075/104/65001** (December 2013)
<http://iopscience.iop.org/article/10.1209/0295-5075/104/65001/meta>
11. V. Lj. Marković, B. Č. Popović, A. P. Jovanović, **S. N. Stamenković** and M. N. Stankov, "Memory effect and time correlations in breakdown initiation of DC glow discharge in argon and synthetic air", *EPL* **Volume: 109 Issue: 1 Article Number: 15002 DOI: 10.1209/0295-5075/109/15002** (January 2015)
<http://iopscience.iop.org/article/10.1209/0295-5075/109/15002/meta>
12. A. P. Jovanović, V. Lj. Marković, **S. N. Stamenković**, M. N. Stankov, "The glow discharge inception and post-discharge relaxation of charged and neutral active particles in synthetic air at low pressure", *JOURNAL OF PHYSICS D-APPLIED PHYSICS* **Volume: 48 Issue: 46 Article Number: 465204 DOI: 10.1088/0022-3727/48/46/465204** (November 2015)
<http://iopscience.iop.org/article/10.1088/0022-3727/48/46/465204/meta>

Радови објављени у истакнутим међународним часописима M22

1. V. Lj. Marković, **S. N. Stamenković**, S. R. Gocić and Z. Lj. Petrović, "Stochastic and relaxation processes in argon by measurements of dynamic breakdown voltages", *CONTRIBUTIONS TO PLASMA PHYSICS* **Volume: 45 Issue: 7 Pages: 476-484 DOI: 10.1002/ctpp.200510053** (September 2005)
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2. V. Lj. Marković, **S. N. Stamenković** and S. R. Gocić, "Formative time delay in nitrogen discharges at low pressure", *CONTRIBUTIONS TO PLASMA PHYSICS* **Volume: 47 Issue: 6 Pages: 413-420 DOI: 10.1002/ctpp.200710054** (September 2007)
<https://onlinelibrary.wiley.com/doi/abs/10.1002/ctpp.200710054>
3. V. Lj. Marković, **S. N. Stamenković**, S. R. Gocić and S. M. Đurić, "Determination and modelling of the formative and statistical time delay in neon", *EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS* **Volume: 38 Issue: 1 Pages: 73-78 DOI: 10.1051/epjap:2007051** (April 2007)
<https://www.epjap.org/articles/epjap/abs/2007/04/ap06291/ap06291.html>
4. V. Lj. Marković, **S. N. Stamenković** and S. R. Gocić "Empirical and semiempirical models of the formative time delay in nitrogen", *CANADIAN JOURNAL OF PHYSICS* **Volume: 86 Issue: 7 Pages: 947-951 DOI: 10.1139/P08-028** (July 2008)
<http://www.nrcresearchpress.com/doi/abs/10.1139/p08-028#.W6StayZILIU>
5. **S. N. Stamenković**, V. Lj. Marković, S. R. Gocić and A. P. Jovanović, "Influence of different cathode surfaces on the breakdown time delay in neon DC glow discharge", *VACUUM*

Volume: 89 Special Issue: SI Pages: 62-66 DOI: 10.1016/j.vacuum.2012.09.010 (March 2013)
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6. M. N. Stankov, A. P. Jovanović, V. Lj. Marković, **S. N. Stamenković**, "Conversion of an atomic to a molecular argon ion and low pressure argon relaxation", CHINESE PHYSICS B **Volume: 25 Issue: 1 Article Number: 015204 DOI: 10.1088/1674-1056/25/1/015204 (January 2016)**
<http://iopscience.iop.org/article/10.1088/1674-1056/25/1/015204/meta>
7. A. P. Jovanović, V. Lj. Marković, **S. N. Stamenković**, M. N. Stankov, B. Č. Popović, "Distributions of the formative time delay in argon and synthetic air at low pressure", IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION **Volume: 23 Issue: 5 Pages: 2641-2648 DOI: 10.1109/TDEI.2016.005729 (October 2016)**
<https://ieeexplore.ieee.org/document/7736822/>
8. **S. N. Stamenković**, V. Lj. Marković, A. P. Jovanović, M. N. Stankov, "Nonstationary exponential distributions of the statistical breakdown time delay in argon dc glow discharge at low pressure", ROMANIAN REPORTS IN PHYSICS **Volume: 69 Issue: 2 Article Number: 408 (2017)**
http://www.rrp.infim.ro/2017_69_2.html
9. A. P. Jovanović, **S. N. Stamenković**, M. N. Stankov and V. Lj. Marković, "Monte Carlo simulation of electron avalanches and avalanche size distributions in methane", CONTRIBUTIONS TO PLASMA PHYSICS **accepted for publication (2018)**
<https://doi.org/10.1002/ctpp.201800034>

Радови објављени у међународним часописима M23

1. V. Lj. Marković, S. R. Gocić, **S. N. Stamenković**, Z. Lj. Petrović and M. Radmilović, "Determination of effective electron yield from swarm and time delay measurements", EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS **Volume: 14 Issue: 3 Pages: 171-176 DOI: 10.1051/epjap:2001152 (June 2001)**
<https://www.epjap.org/articles/epjap/abs/2001/06/ap0156/ap0156.html>
2. V. Lj. Marković, S. R. Gocić, **S. N. Stamenković** and Z. Lj. Petrović, "Study of transient processes in nitrogen by measurements of dynamic breakdown voltages", EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS **Volume: 30 Issue: 1 Pages: 51-56 DOI: 10.1051/epjap:2005002 (April 2005)**
<https://www.epjap.org/articles/epjap/abs/2005/04/ap03129/ap03129.html>
3. **S. N. Stamenković**, V. Lj. Marković and S. R. Gocić, "Comparative study of empirical and semiempirical models of the formative time delay in neon", EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS **Volume: 45 Issue: 1 Article Number: 11003 DOI: 10.1051/epjap:2008200 (January 2009)**
<https://epjap.epj.org/articles/epjap/abs/2009/01/ap08264/ap08264.html>
4. M. N. Stankov, M. D. Petković, V. Lj. Marković, **S. N. Stamenković**, A. P. Jovanović, "Numerical modelling of dc argon glow discharge at low pressure without and with ar (p -3(2)) metastable state", ROMANIAN JOURNAL OF PHYSICS **Volume: 59 Issue: 3-4 Pages: 328-338 (2014)**
http://www.nipne.ro/rjp/2014_59_3-4.html

5. A. P. Jovanović, B. Č. Popović, V. Lj. Marković, **S. N. Stamenković**, M. N. Stankov, "*Mixture distributions for the statistical time delay in synthetic air at low pressure*", EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS **Volume: 67 Issue: 2 Article Number: 20801 DOI: 10.1051/epjap/2014140145** (August 2014)
<https://www.epjap.org/articles/epjap/abs/2014/08/ap140145/ap140145.html>
6. M. N. Stankov, M. D. Petković, V. Lj. Marković, **S. N. Stamenković**, and A. P. Jovanović, "*The applicability of fluid model to electrical breakdown and glow discharge modeling in argon*", CHINESE PHYSICS LETTERS **Volume: 32 Issue: 2 Article Number: 025101 DOI: 10.1088/0256-307X/32/2/025101** (February 2015)
<http://iopscience.iop.org/article/10.1088/0256-307X/32/2/025101/meta>