

## Lični podaci

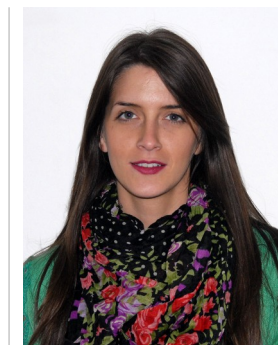
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Državljanstvo: srpsko



## Radno iskustvo

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- 02.2023. Naučni saradnik u Laboratoriji za spektroskopiju plazme i fiziku lasera, Institut za fiziku, Beograd
- 12.2015. Istraživač saradnik u Laboratoriji za spektroskopiju plazme i fiziku lasera, Institut za fiziku, Beograd
- 12.2014. Istraživač pripravnik u Laboratoriji za spektroskopiju plazme i fiziku lasera, Institut za fiziku, Beograd

## Obrazovanje

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- 2022 Doktor fizičko-hemijskih nauka  
Fakultet za fizičku hemiju, Univerzitet u Beogradu  
Tema doktorske disertacije: „Primena spektroskopije laserski indukovane plazme za određivanje tragova metala u uljima“
- 2013 Master fizikohemičar  
Fakultet za fizičku hemiju, Univerzitet u Beogradu  
Tema master rada: „Mogućnosti primene spektroskopije laserom indukovano probija, za analizu zemljišta“
- 2012 Diplomirani fizikohemičar  
Fakultet za fizičku hemiju, Univerzitet u Beogradu  
Tema diplomskog rada: „Ispitivanje laserom indukovane plazme u atmosferi argona“

## Naučni radovi

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- 2023 M. Vinić, M. Kuzmanović, J. Savović, M. Ivković, Diagnostics of laser-induced plasma from a thin film of oil on a silica wafer, *Journal of the Serbian Chemical Society* 88 (2), 153
- 2022 Đ. Trpkov, M. Vinić, R. Dojčilović, D. Tošić, Fast, eco-friendly synthesis of blue luminescent nitrogen-doped graphene quantum dots in glycerol, *Optical and Quantum Electronics* 54, 387
- 2020 Milesa Srećković, Suzana Polić, Milivoje Ivković, Zoran Karastojković, Milica Vinić, Aleksander Kovačević, Slobodan Bojanić, Contemporary Laser Techniques and General Application in Heritology and Case of Building in 7 Balkanska street, *Zaštita materijala* 61, 275

- 2020 M. Vinić, E. Aruffo, F. Andreoli, M. Ivković, V. Lazic, Quantification of heavy metals in oils with  $\mu\text{l}$  volume by laser induced breakdown spectroscopy (LIBS) and minimizing of the matrix effect, *Spectrochimica Acta Part B: Atomic Spectroscopy* 164, 105765
- 2018 B. D. Stankov, M. Ivković, M. Vinić and N. Konjević, Forbidden component of the Be II 436.1 nm line recorded from pulsed gas discharge plasma, *EPL* 123, 63001
- 2018 B. D. Stankov, M. Vinić, M. R. Gavrilović Božović, and M. Ivković, Novel plasma source for safe beryllium spectral line studies in the presence of beryllium dust, *Review of Scientific Instruments* 89, 053108
- 2014 Vinić Milica, Milivoje Ivković, Spatial and temporal characteristic of laser ablation combined with fast pulse discharge, *IEEE transactions on plasma science* 42, 2598
- 2013 Vinić Milica L., Ivković Milivoje R., Laser ablation initiated fast discharge for spectrochemical applications, *Hemijska industrija* 68, 65

#### Saopštenja na kongresima

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- 2022 Nenad M. Sakan, Milica Vinić, Vladimir A. Srećković, Ivan Traparić, and Milivoje Ivković, Application of artificial neural networks in the analysis of the laser ablation combined with fast pulse discharge spectra, *31th Summer School and International Symposium on the Physics of Ionized Gases (SPIG)*, Beograd, Srbija, 5.-9. septembar, str. 223
- 2018 M. Vinić, M.R. Gavrilović Božović, B. Stankov, M. Vlainić and M. Ivković, Nanoparticles on a sample surface as laser induced breakdown spectroscopy enhancers, *29th Summer School and International Symposium on the Physics of Ionized Gases (SPIG)*, Beograd, Srbija, 28. avgust - 1. septembar, str. 190
- 2016 M. Vinic, B. Stankov, M. Ivkovic and N. Konjevic, Characterization of an Atmospheric Pressure Pulsed Microjet, *28th Summer School and International Symposium on the Physics of Ionized Gases (SPIG)*, Beograd, Srbija, 29. avgust - 2. septembar, str. 276
- 2016 M. Vinic, B. Stankov, Spatial and temporal resolved study of some atmospheric pressure discharges, *Internacionalna konferencija studenata fizike (ICPS)*, Msida, Malta, 11.-17. avgust, str. 64
- 2013 Vinić M., Ivković M., Klasifikacija zemljišta primenom spektroskopije laserom indukovanog proboja, *Zbornik radova XII Kongresa fizičara Srbije*, Vrnjačka Banja, Srbija, 28. april – 2. maj, str. 404
- 2013 M. Vinic, M. Cvejic and M. Ivkovic, Spatial and temporal characterisation of combined laser induced plasma and spark technique, *Book of Abstracts 7th Euro-Mediterranean Symposium on Laser Induced Breakdown Spectroscopy (EMSLIBS 2013)*, Bari, Italija, 16.-20. septembar, str. 151
- 2012 Vinic M., Ivkovic M., The emission enhancement in single pulse laser induced breakdown spectroscopy, *Proceedings of the 11th International Conference on Fundamental and Applied Aspects of Physical Chemistry*, September 24-26, Beograd, Srbija, str. 134

## Nagrade i priznanja

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- 2014          Nagrada "Pavle Savić", Društvo fizikohemičara Srbije
- 2013          Nagrada za izuzetan uspeh tokom studiranja, Srpsko hemijsko društvo

## Lične veštine

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- Jezik:                  Engleski, nivo B2
- Rad na računaru:    MS office, Origin, LabVIEW
- Vozačka dozvola:    B kategorija