

## PERSONAL INFORMATION

|                               |   |
|-------------------------------|---|
| Family name, First name:      | Stojanović Goran  |
| Researcher unique identifier: | ORCID ID: 0000-0003-2098-189X   |
| Date of birth:                | 21.01.1972.   |
| Nationality:                  | Serbian   |
| Phones:                       | +381 214852553 and +381 643905715   |
| URL for web site:             | <a href="http://nano.flex.ftn.uns.ac.rs/">http://nano.flex.ftn.uns.ac.rs/</a> |



## EDUCATION

|             |  |
|-------------|--|
| 2002 - 2005 | PhD in Technical Sciences – Microelectronics<br><i>Faculty of Technical Sciences (FTS), University of Novi Sad (UNS), Serbia</i> |
| 1998 - 2002 | MSc in Electrical Engineering – Electronics<br><i>Faculty of Technical Sciences, University of Novi Sad, Serbia</i>              |
| 1991 - 1996 | BSc in Electrical Engineering<br><i>Faculty of Technical Sciences, University of Novi Sad, Serbia</i>                            |



## CURRENT POSITION

|        |   |
|--------|---|
| 2015 - | Full professor (and Leader of the Laboratory for nano and flexible electronic, leading 3 Postdocs and 5 PhD)<br><i>Department of Electronics, Faculty of Technical Sciences, University of Novi Sad, Serbia</i> |
|--------|---|



## PREVIOUS POSITION

|             |  |
|-------------|--|
| 2010 - 2015 | Associate professor<br><i>Department of Electronics, Faculty of Technical Sciences, University of Novi Sad, Serbia</i> |
| 2011 - 2011 | Visiting professor<br><i>University Sud XI, Paris, France</i>  |
| 2005 - 2010 | Assistant professor<br><i>Department of Electronics, Faculty of Technical Sciences, University of Novi Sad, Serbia</i> |



## FELLOWSHIPS

|             |  |
|-------------|--|
| 1996 - 1998 | Scholarship for the best young researchers from <i>Ministry of Science, Republic of Serbia</i> |
|-------------|--|



## SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

|             |  |
|-------------|--|
| 2015 –      | Number of Postdocs under the supervision of prof. Stojanović: <b>3</b><br>(D. Sekulić, M. Radovanović, N. Samardžić)<br><i>Department of Electronics, Faculty of Technical Sciences, University of Novi Sad, Serbia</i>  |
| 2015 – 2017 | Number of PhD students who defended dissertations: <b>7</b><br>(S. Savić, N. Bednar, N. Lečić, M. Radovanović, D. Krklješ, N. Samardžić, M. Simić)<br><i>Faculty of Technical Sciences, University of Novi Sad, Serbia</i>   |
| 2017 -      | Number of PhD students who will defend dissertations in 2018: <b>3</b><br>(A. Pajkanović, S. Kojić, D. Vasiljević)<br>Number of PhD students who will defend dissertations in 2019: <b>2</b><br>(B. Milinković, T. Kojić), <i>all at Faculty of Technical Sciences, University of Novi Sad</i> |
| 2005 - 2015 | More than <b>60 Master thesis</b> were defended under supervision of Prof. Goran Stojanović at the <i>Faculty of Technical Sciences, University of Novi Sad, Serbia</i>  |



## TEACHING ACTIVITIES

|             |  |
|-------------|--|
| 2015 -      | Full professor – accredited courses/subjects: (1) Medical Electronics; (2) Organic Electronics; (3) Materials in biomedicine, <i>at the University of Novi Sad (UNS), Serbia</i>   |
| 2010 - 2015 | Associate professor – accredited courses/subjects: (1) Nanoelectronics; (2) Nanodevices and nano-structured materials; (3) Characterization of electronics materials at <i>UNS</i> |

|             |   |
|-------------|---|
| 2005 - 2010 | Assistant professor – accredited courses/subjects: (1) Introduction in Electronics; (2) Materials in Electrical Engineering, <i>at the University of Novi Sad, Serbia</i> |
|-------------|---|



### ORGANISATION OF SCIENTIFIC MEETINGS

|            |  |
|------------|--|
| 29/09/2017 | <i>IEEE East-West Design &amp; Test Symposium (EWDTs'2017), Novi Sad, Serbia (Main Organizer)</i>  |
| 09/09/2016 | <i>Workshop: "Fractional calculus for modelling phenomena from our life", Novi Sad Serbia (Main Organizer)</i>   |
| 10/10/2015 | <i>International conference: "SENSEIVER2015", Novi Sad Serbia, (Main Organizer)</i>  |
| 18/09/2015 | <i>International conference: "Modernization of universities through strengthening of knowledge transfer, research and innovation" - WBCInno 2015, Novi Sad Serbia (Main Organizer)</i> |
| 23/10/2014 | <i>Workshop: "Building researchers' capacities in the area of knowledge transfer, research and innovations", Novi Sad Serbia (Main Organizer)</i>                                      |
| 10/05/2013 | <i>Workshop: "Printed, flexible and nano-electronics", Novi Sad Serbia (Main Organizer)</i>  |
| 07/09/2012 | <i>Workshop: "Advances in modelling, simulation and fabrication of modern micro and nano sensors", Novi Sad Serbia (Main Organizer)</i>  |
| 28/04/2012 | <i>Workshop: "Printed electronics: materials, components and applications", Novi Sad Serbia (Main Organizer)</i>   |



### INSTITUTIONAL RESPONSIBILITIES

|             |  |
|-------------|--|
| 2015 – 2017 | Organizer of the Competition for the best students' idea, <i>University of Novi Sad, Serbia</i>                          |
| 2011 – 2012 | Member of University Advisory Board for Technical Sciences, <i>University of Novi Sad, Serbia</i>                        |
| 2009 – 2011 | Member of the Faculty Committee for Doctoral Study, <i>Faculty of Technical Sciences, University of Novi Sad, Serbia</i> |
| 2008 – 2012 | Organiser of the Festival of Science, <i>University of Novi Sad, Serbia</i>  |



### COMMISSIONS OF TRUST

|             |   |
|-------------|---|
| 2012 – 2016 | Deputy of the Ministry for Science and Technological Development, Province of Vojvodina, Serbia   |
| 2014 – 2016 | Member of Programme Committee of the International conference ETIKUM, <i>University of Novi Sad, Serbia</i>   |
| 2013 – 2015 | Member of the Jury for the Best technological innovation contest, Serbia<br>Member of the Jury for Start-up Weekend, University of Novi Sad, Serbia   |
| 2013 –      | External Examiner of PhD Thesis, Autonomous University of Barcelona, Spain  |
| 2013 –      | Reviewer - International experts of the Italian Ministry of University and Research, Italy  |
| 2010 – 2012 | Member of the Jury for TESLA fest – innovators exhibition, Novi Sad, Serbia   |
| 2010 –      | Reviewer of peer-reviewed journals: <i>Microfluidics and Nanofluidics; IEEE Microwave and Wireless Components Letters; Microelectronic Journal; Trans. of the Institute of Measurement and Control, Journal of Alloys and Compounds, etc.</i> |



### MEMBERSHIPS OF SCIENTIFIC SOCIETIES

|        |   |
|--------|---|
| 2007 – | Member of IEEE, Member of Organic Electronics Association |
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### MAJOR COLLABORATIONS

|        |  |
|--------|--|
| 2010 – | Prof. Luigi Fortuna, Post silicon electronics, University of Catania, Italy; Prof. Hani Al-Salami, Drug Delivery, Curtin University, Australia; Prof. Somyot Chirasatitsin, Microfluidics, Prince Songkla University, etc. |
|--------|--|

**Appendix: All on-going and submitted grants and funding of the PI (Funding ID)****ON-GOING GRANTS**

| Project Title  | Funding source             | Amount (Euros) | Period    | Role of the PI         | Field                                      |
|--|----------------------------|----------------|-----------|------------------------|--|
| <b>Actual EU funded projects</b>   |                            |                |           |                        |  |
| Cost-effective microfluidic electronic devices for optimal drug administration based on fractional pharmacokinetics for leukemia treatments <sup>1</sup>                                     | H2020                      | 330.000,00     | 2016-2019 | Project coordinator    | Experience in respecting Ethical standards |
| Students' mobility capacity building in higher education in Ukraine and Serbia   | ERASMU S+                  | 953.973,80     | 2016-2019 | Leader of UNS team     | -  |
| Institutional framework for development of the third mission of universities in Serbia <sup>2</sup>  | ERASMU S+                  | 966.510,00     | 2015-2018 | Leader of the UNS team | -  |
| Extending International Cooperation and Future Prospects in Printed Electronics between Technological Universities of Lodz, Wroclaw, Novi Sad, Pardubice and Technische Universität Chemnitz | Multilateral (BMBF)        | 90.000,00      | 2016-2018 | Leader of the UNS team | Organic electronics                        |
| <b>Previous EU funded projects</b>   |                            |                |           |                        |  |
| The development of graphene-based sensors for the detection of various pollutants from our environment <sup>3</sup>  | CEI                        | 84.000,00      | 2014-2017 | Project coordinator    | Sensors                                    |
| Modernization of WBC universities through strengthening of structures and services for knowledge transfer, research and innovation <sup>4</sup>  | TEMPUS                     | 766.000,00     | 2012-2016 | Leader of UNS team     | -  |
| Low-cost and energy-efficient LTCC sensor/IR-UWB transceiver solutions for sustainable healthy environment <sup>5</sup>  | FP7                        | 3.012.000,00   | 2011-2015 | Project coordinator    | Synthesis of electronic materials          |
| Reinforcement of Research Potentials of the Faculty of Technical Sciences in the Field of Post Silicon Electronics <sup>6</sup>  | FP7                        | 1.050.900,00   | 2010-2013 | Project coordinator    | Flexible electronics                       |
| WBC Virtual Manufacturing Network Fostering an Integration of Knowledge Triangle <sup>7</sup>  | TEMPUS                     | 560.000,00     | 2010-2013 | Leader of UNS team     | -  |
| New Generation of 3D Integrated Passive Components and Microsystems in LTCC Technology <sup>8</sup>  | EUREKA                     | 1.510.000,00   | 2009-2012 | Project coordinator    | -  |
| Reinforcement of the Center for Integrated Microsystems and Components <sup>9</sup>  | FP6                        | 310.000,00     | 2007-2010 | Project manager        | -  |
| Design, modeling and optimization of novel integrated passive components for power electronics   | Bilateral project (France) | 30.000,00      | 2007-2009 | Project coordinator    | -  |
| Materials in Electrical Engineering  | WUS                        | 15.000,00      | 2006-2007 | Coordinator            | -  |

<sup>1</sup> [www.medlemproject.com](http://www.medlemproject.com)

<sup>2</sup> [www.if4tm.kg.ac.rs](http://www.if4tm.kg.ac.rs)

<sup>3</sup> <http://lness.como.polimi.it/graphsens.php>

<sup>4</sup> [www.wbc-inno.kg.ac.rs](http://www.wbc-inno.kg.ac.rs)

<sup>5</sup> [www.senseiver.com](http://www.senseiver.com)

<sup>6</sup> [cordis.europa.eu/result/rcn/140461\\_en.html](http://cordis.europa.eu/result/rcn/140461_en.html)

<sup>7</sup> [www.wbc-vmnet.kg.ac.rs](http://www.wbc-vmnet.kg.ac.rs)

<sup>8</sup> [www.eurekanetwork.org/project/id/4570](http://www.eurekanetwork.org/project/id/4570)

<sup>9</sup> [www2.uns.ac.rs/en/FP/fp6/projekti/projReCIMiCo.html](http://www2.uns.ac.rs/en/FP/fp6/projekti/projReCIMiCo.html)

**Remark 1:** Some of the above-mentioned projects (FP7-SENSEIVER, FP7-APOSTILLE) evaluated as a **best practice in the project management and PI was invited to present these projects as success stories in different events organized by European Commission** (such as "Future of Doctorate" in Riga, Latvia, 2015; Conference on Higher education, Belgrade, Serbia, 2014; WIRE'2012, Krakow, Poland, etc., illustrations can be seen below).



International conference on 'Future of the doctorate'  
(Riga, Latvia, 28-29/05/2015)



EU Programmes for Higher Education: Their Role and Impact on the Western Balkans  
(Belgrade, Serbia, 30-31/10/2014)



The Week of Innovative Regions  
WIRE 2012 Conference  
(Krakow, Poland, 04-05/06/2012)

Above-mentioned projects as well as proposals which are under evaluation (acceptance rate of PI's proposals has been around 30% up to now) are proofs of PI independency and evidence of his leadership skills.

**Remark 2:** In the framework of the project IF4TM (previous footnote <sup>2</sup>), the **Creativity Center** of University of Novi Sad has been established and the leader of that center is Prof. Stojanović, which is completely match with mission: "to reinforce **excellence**, dynamism and **creativity** in European research".

**Remark 3:** In the framework of the above mentioned projects H2020, FP7, etc. prof. Stojanović participated in **many outreach activities**: 5 times in Festival of Sciences, 3 times in Researchers' nights as well as he has had more than 10 TV appearance (<https://www.youtube.com/watch?v=RScZwJH8bo>, <https://www.youtube.com/watch?v=bZOTf0fWITM>, <https://www.youtube.com/watch?v=LbPjQTqumPc>).

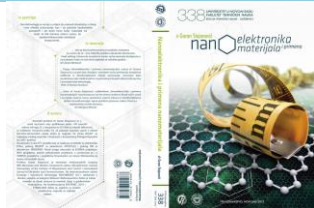


**Scientific track-record:** More than 200 published papers including 90 in journals with impact factors.

### 1. Up to 10 publications in major international peer-reviewed multi-disciplinary scientific journals

| No. | References  |
|-----|---|
| 1.  | N. Samardžić, B. Bajac, J. Bajić, E. Đurđić, B. Miljević, V. V. Srdić, <b>G. M. Stojanović</b> , "Photoresistive switching of multiferroic thin film memristors", <i>Microelectronic Engineering</i> (IF: 1.806), vol. 187-188, pp. 139-143, 2018, ISSN: 0167-9317.   |
| 2.  | M. Simić, L. Manjakkal, K. Zaraska, <b>G. M. Stojanović</b> , D. Ravinder, "TiO <sub>2</sub> -Based Thick Film pH Sensor", <i>IEEE Sensors Journal</i> (IF:2.512), vol. 17, no. 2 pp. 248-255, 2017, ISSN: 1530-437X.   |
| 3.  | K. Cvejic, M. Sliwa, L. Manjakkal, J. Kulawik, <b>G. Stojanović</b> , D. Szwegierczak, "Impedancemetric NO sensor based on YSZ/perovskite neodymium cobaltite operating at high temperatures", <i>Sensors and Actuators B - Chemical</i> (IF: 4.758), vol. 228, pp. 612-624, 2016, ISSN: 0925-4005.                         |
| 4.  | S. Savić, <b>G. Stojanović</b> , D. Vasiljević, K. Vojisavljevic, A. Dapčević, A. Radojković, S. Pršić, G. Branković, "Nanoindentation study of nickel manganite ceramics obtained by a complex polymerization method", <i>Ceramics International</i> (IF: 2.758), vol. 42, no. 10, pp. 12276-12282, 2016, ISSN: 0272-8842. |
| 5.  | N. Samardžić, M. Mionić, B. Dakic, H. Hofmann, S. Dautović, <b>G. Stojanović</b> , "Analysis of Quantized Electrical Characteristics of Microscale TiO <sub>2</sub> Ink-Jet Printed Memristor", <i>IEEE Transaction on Electron Devices</i> (IF 2.358), no. 99, 2015, ISSN: 0018-9383.                                      |
| 6.  | M. Radovanović, B. Mojić-Lante, K. Cvejic, V. Srdić, <b>G. Stojanović</b> , "A Wireless LC Sensor Coated with Ba <sub>0.9</sub> Bi <sub>0.066</sub> TiO <sub>3</sub> for Measuring Temperature", <i>Sensors</i> (IF: 2.033), vol. 15, no. 5, pp. 11454-11464, 2015, ISSN: 1424-8220.  |
| 7.  | <b>G. Stojanović</b> , V. Mandić, M. Ćurčić, D. Vasiljević, M. Kisić, N. Radosavljević, "Combining rapid prototyping techniques in mechanical engineering and electronics for realization of a variable capacitor", <i>Rapid Prototyping Journal</i> (IF: 2.031), vol. 20, no. 2, pp. 115-120, 2014, ISSN: 1355-2546.       |
| 8.  | M. Vučinić-Vasić, E. Božin, L. Bessais, <b>G. Stojanović</b> , U. Kozmidis-Luburić, J. Abeykoon, M. Bostjan, A. Kremenović, B. Antić, "Thermal Evolution of Cation Distribution/Crystallite Size and Their Correlation  |

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|-----|--|
|     | with the Magnetic State of Yb-Substituted Zinc Ferrite Nanoparticles", <i>Journal of Physical Chemistry C</i> (IF: 4.835), vol. 117, no. 23, pp. 12358-12365, 2013, ISSN: 1932-7447.   |
| 9.  | <b>G. Stojanović</b> , G. Kitić, S.M. Savić, V. Crnojević-Bengin, "Electrical Characterization of Nickel Manganite Powders in High-Frequency Range", <i>Journal of Alloys and Compounds</i> (IF: 2.726), vol. 554, pp. 264-270, 2013, ISSN: 0925-8388. |
| 10. | <b>G. Stojanović</b> , M. Radovanović, M. Malešev, V. Radonjanin, "Monitoring of Water Content in Building Materials Using a Wireless Passive Sensor", <i>Sensors</i> (IF: 1.821), 2010, vol. 10, no. 5, pp. 4270-4280, ISSN 1424-8220.                |

## 2. Research monographs and books

| No. | Publication - Monographs (In English) and Books (In Serbian language)  | Illustration  |
|-----|--|---|
| 1.  | V.V. Srdic, Z. Cvejic, M. Milanovic, <b>G. Stojanovic</b> , S. Rakic, "Metal Oxides Structure, Crystal Chemistry and Magnetic Properties", Chapter 6 in Magnetic, Ferroelectric, and Multiferroic Metal Oxides monograph, published by Elsevier, 2017. |   |
| 2.  | <b>Goran Stojanović</b> , "Nanoelectronics and application of nanomaterials", 356 pages, ISBN: 978-86-7892-408-8, 2012.  |    |
| 3.  | <b>Goran Stojanović</b> , Ljiljana Živanov, "Materials in Electrical Engineering", 233 pages, ISBN: 978-86-7892-073-8, 2007.   |   |
| 4.  | Ljiljana Živanov, <b>Goran Stojanović</b> , Andrea Marić, Goran Radosavljević, "Materials in Electrical Engineering – practical examples", 152 pages, ISBN: 978-86-7892-044-8, 2007.   |  |
| 5.  | <b>Goran Stojanović</b> , Andrea Marić, Sanja Kojić, Nataša Samardžić, Dragana Vasiljević, Milan Radovanović, Tijana Kojić, "Characterization of electronic components", 310 pages   |   |

## 3. Granted patent



| No. | Patent  |
|-----|---|
| 1.  | S. Kojić, S. Ajkalo, <b>G. Stojanović</b> , M. Gužvica, D. Vasiljević, M. Radovanović, "Method and system for sensor-based intelligent monitoring status of objects on the shelf", Gazette of intellectual property, 2/2014, 30. April 2014, international classification G06F 17/00 (2006.01), G06Q 10/08 (2012.01). |

## 4. Invited presentations to internationally established conferences

| No. | Topic of invited presentations of Prof. Stojanović   | Conference   |
|-----|--|--|
| 1.  | Sensors and other electronic components on flexible substrates: From materials to applications | <i>5th Mediterranean Conference on Embedded Computing (MECO'2016)</i> , 12-16/06/2016, Bar, Montenegro                       |
| 2.  | Innovation as a key factor in attracting EU funds  | <i>Zooming Innovation in Consumer Electronics International Conference (ZINC'2016)</i> , 01-02/06/2016, Novi Sad, Serbia     |
| 3.  | Design and characterization of different sensors fabricated on flexible substrate              | <i>International Conference and exposition in electrical and power engineering (EPE'2014)</i> , 16-18/10/2014, Iasi, Romania |

|    |  |  |
|----|--|--|
| 4. | Ink-Jet Printed Flexible Sensors: From Materials to Applications | <i>International workshop on flexible bio- and organic printed electronics (IWOBOE'2014), 01-03/05/2014, Konya, Turkey</i> |
|----|--|--|

### 5. Prizes and Awards

| No. | Prizes and Awards   | Illustration  |
|-----|---|---|
| 1.  | The <b>gold medal</b> on the International symposium of patents and innovation technologies "ARCHIMEDES'2011", Moscow, Russia, April 2011, for the innovation of the sensor for measuring water content in building materials.                    |  |
| 2.  | Award for <b>the best papers</b> for adults at the International Power Electronics and Motion Control Conference EPE-PEMC'2010, Macedonia, for the paper "Performance Analysis of LTCC transformers for application in DC/DC converters".         |  |
| 3.  | Second prize for the best paper at the 33rd IEEE Components, packaging, manufacturing and technology conference, Pszezyna, Poland, 21-24 September, 2009, for the paper entitled "A Sensitivity Improvement of Non-Contact LTCC Resonant Sensor". |   |
| 4.  | The award for <b>the best professor</b> at FTS, average grade from the students side is 9.92 out of 10.00   |   |
| 5.  | "dr Zoran Djindjic" a prestigious national award as <b>the best researcher</b> (under the age 35) in the Province of Vojvodina, Serbia for the year 2007.   |   |
| 6.  | Third award for the best paper at the XXXI International Conference of IMAPS, Rzeszow – Krasiczyn, Poland, 23-26 September, 2007, for the paper "Application of the LTCC technology for the fabrication of miniature 3D RF transformers".         |   |