POSLIJEDIPLOMSKI DOKTORSKI STUDIJ

OBRAZAC D4B-PTE

**PRIJEDLOG ČLANOVA POVJERENSTVA ZA PRIHVAĆANJE TEME DOKTORSKOG RADA**

|  |  |
| --- | --- |
| **Ime i prezime studenta:** | Ante Kapetanović |
| **Ime i prezime mentora:** | Dragan Poljak |
| **Poslijediplomski**  **doktorski studij:** | Elektrotehnika i informacijska tehnologija |
| **Znanstveno polje/grana:\*** | Elektrotehnika/elektronika |
| **Predloženi naslov doktorskog rada (hrvatski):** | Napredna metoda usrednjavanja dozimetrijskih veličina na površini zakrivljenih dijelova tijela |
| **Predloženi naslov doktorskog rada (engleski):** | Advanced Method for Assessment of Averaged Dosimetric Quantities on Surface of Non-Planar Body Parts |
| **Jezik pisanja doktorskog rada:** | engleski |

|  |  |  |
| --- | --- | --- |
| **PRIJEDLOG ČLANOVA POVJERENSTVA\*\*** | **Ime i Prezime** | **Ustanova/Tvrtka** |
| **Mentor:** | Prof. dr. sc. Dragan Poljak | FESB, Split |
| **Član:** | Prof. dr. sc. Zoran Blažević | FESB, Split |
| **Član:** | Prof. dr. sc. Zvonimir Šipuš | FER, Zagreb |
| **Član:** | Izv. prof. dr. sc. Vicko Dorić | FESB, Split |
| **Član:** | Izv.prof.dr.sc. Mario Cvetković | FESB, Split |
| **Član:** | Doc. dr. sc. Maja Škiljo | FESB, Split |
| **Član:** | Izv. prof. dr. sc. Siniša Antonijević | PMF, Split |

|  |  |
| --- | --- |
| U Splitu, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  *vlastoručni potpis mentora* |

*Privitak:*

1. *Popis objavljenih znanstvenih radova mentora iz područja predložene teme doktorskog rada*

*Prema potrebi može se dodatno navesti i značajan doprinos u drugom znanstvenom polju/grani.*

*Odbor će, između predloženih članova, Fakultetskom vijeću predložiti predsjednika i članove Povjerenstva.*

*Napomena: Predlaže se da se za predložene članove Povjerenstva koji nisu zaposlenici Fakulteta navedu podaci koji ih kvalificiraju za sudjelovanje u Povjerenstvu (područje istraživanja).*

**POPIS ZNANSTVENIH RADOVA MENTORA IZ PODRUČJA**

**PREDLOŽENE TEME DOKTORSKOG RADA\***

**Znanstveni radovi kategorije A**

|  |  |
| --- | --- |
| Autori | Poljak, Dragan; Šušnjara, Anna; Fišić, Ana |
| Naslov rada | Assessment of Transmitted Power Density in the Planar Multilayer Tissue Model due to Radiation from Dipole Antenna |
| Časopis | Journal of communications software and systems |
| Broj izdanja, stranice, godina | 19(1); 39-51 , 2023 |
| Bibliografske baze podataka | Scopus, EBSCO HOST Research Databases, IET Inspec |
| Impact factor | 1.260 |
|  |  |

|  |  |
| --- | --- |
| Autori | Li, Kun; Kodera, Sachiko; Poljak, Dragan; Diao, Yinliang; Sasaki, Kensuke; Šušnjara, Anna; Prokop, Alexander; Taguchi, Kenji; Xi, Jingtian; Zhang, Shuai et al. |
| Naslov rada | Calculated Epithelial/Absorbed Power Density for Exposure from Antennas at 10–90 GHz: Intercomparison Study Using a Planar Skin Model |
| Časopis | IEEE Access |
| Broj izdanja, stranice, godina | 11, 7420-7435, 2023 |
| Bibliografske baze podataka | CCC, WoSCC, Scopus |
| Impact factor | 3.367 |
|  |  |

|  |  |
| --- | --- |
| Autori | Šušnjara, Anna; Verhnjak, Ožbej; Poljak, Dragan; Cvetković, Mario; Ravnik, Jure |
| Naslov rada | Uncertainty quantification and sensitivity analysis of transcranial electric stimulation for 9-subdomain human head model |
| Časopis | Engineering analysis with boundary elements |
| Broj izdanja, stranice, godina | 135, 1-11, 2022 |
| Bibliografske baze podataka | CCC, WoSCC, Scopus |
| Impact factor | 3.25 |
|  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Autori | | | Cvetković, Mario; Šušnjara, Anna; Poljak, Dragan | |  |
| Naslov rada | | | Deterministic-Stochastic Modeling of Transcranial Magnetic Stimulation featuring the Use of Method of Moments and Stochastic Collocation | |  |
| Časopis | | | Engineering analysis with boundary elements | |  |
| Broj izdanja, stranice, godina | | | 150; 662-671, 2023 | |  |
| Bibliografske baze podataka | | | CCC, WoSCC, Scopus | |  |
| Impact factor | | | 3.25 | |  |
|  | | |  | |  |
|  | Autori | | Galić, Marin; Šušnjara, Anna; Poljak, Dragan | | |
|  | Naslov rada | | Stochastic-Deterministic Assessment of Electric Field Radiated by Base Station Antenna above a Two-Layered Ground | | |
|  | Časopis | | Mathematical problems in engineering | | |
|  | Broj izdanja, stranice, godina | | 2022, 1-15, 2022 | | |
|  | Bibliografske baze podataka | | CCC, WoSCC, Scopus | | |
|  | Impact factor | | 1.305 | | |
|  |  | |  | | |
|  | Autori | | Lojić Kapetanović, Ante; Šušnjara, Anna; Poljak, Dragan | | |
|  | Naslov rada | | Stochastic analysis of the electromagnetic induction effect on a neuron’s action potential dynamics | | |
|  | Časopis | | Nonlinear dynamics | | |
|  | Broj izdanja, stranice, godina | | 105, 3585-3602, 2021 | | |
|  | Bibliografske baze podataka | | CCC, WoSCC, Scopus | | |
|  | Impact factor | | 5.741 | | |
|  |  | |  | | |
|  | Autori | | Šušnjara, Anna; Dodig, Hrvoje; Poljak, Dragan; Cvetković, Mario | | |
|  | Naslov rada | | Stochastic-Deterministic Thermal Dosimetry Below 6 GHz for 5G Mobile Communication Systems | | |
|  | Časopis | | IEEE transactions on electromagnetic compatibility | | |
|  | Broj izdanja, stranice, godina | | 63, 1667-1679, 2021 | | |
|  | Bibliografske baze podataka | | CCC, WoSCC, Scopus | | |
|  | Impact factor | | 2.036 | | |
|  |  | |  | | |
|  | Autori | | Šipuš, Zvonimir; Šušnjara, Anna; Skrivervik, Anja; Poljak, Dragan; Bosiljevac, Marko | | |
|  | Naslov rada | | Influence of Uncertainty of Body Permittivity on Achievable Radiation Efficiency of Implantable Antennas – Stochastic Analysis | | |
|  | Časopis | | IEEE transactions on antennas and propagation | | |
|  | Broj izdanja, stranice, godina | | 69, 6894-6905, 2021 | | |
|  | Bibliografske baze podataka | | CCC, WoSCC, Scopus | | |
|  | Impact factor | | 4.388 | | |
|  |  | |  | | |
|  | Autori | | Šušnjara, Anna; Verhnjak, Ožbej; Poljak, Dragan; Cvetković, Mario; Ravnik, Jure | | |
|  | Naslov rada | | Stochastic-deterministic boundary element modelling of transcranial electric stimulation using a three layer head model | | |
|  | Časopis | | Engineering analysis with boundary elements | | |
|  | Broj izdanja, stranice, godina | | 123, 70-83, 2021 | | |
|  | Bibliografske baze podataka | | CCC, WoSCC, Scopus | | |
|  | Impact factor | | 2.964 | | |
|  |  | |  | | |
|  | Autori | | Šesnić, Silvestar; Lalléchère, Sébastien; Poljak, Dragan; Šušnjara, Anna; Drissi, Khalil El Khamlichi | | |
|  | Naslov rada | | Sensitivity analysis of the direct time domain analytical solution for transient impedance of the horizontal grounding electrode using ANOVA approach | | |
|  | Časopis | | Electric power systems research | | |
|  | Broj izdanja, stranice, godina | | 190, 106861-106870, 2021 | | |
|  | Bibliografske baze podataka | | CCC, WoSCC, Scopus | | |
|  | Impact factor | | 3.818 | | |
|  |  | |  | | |
|  | Autori | | Šušnjara, Anna; Dodig, Hrvoje; Cvetković, Mario; Poljak, Dragan | | |
|  | Naslov rada | | Stochastic Dosimetry of a Three Compartment Head Model | | |
|  | Časopis | | Engineering analysis with boundary elements | | |
|  | Broj izdanja, stranice, godina | | 117, 332-345, 2020 | | |
|  | Bibliografske baze podataka | | CCC, WoSCC, Scopus | | |
|  | Impact factor | | 3.250 | | |
|  |  | |  | | |
|  | Autori | | Šušnjara, Anna; Poljak, Dragan | | |
|  | Naslov rada | | Uncertainty Quantification for the Transient Response of Human Equivalent Antenna Using the Stochastic Collocation Approach | | |
|  | Časopis | | International Journal of Antennas and Propagation | | |
|  | Broj izdanja, stranice, godina | | 2019, 1-7, 2019 | | |
|  | Bibliografske baze podataka | | CCC, WoSCC, Scopus | | |
|  | Impact factor | | 1.347 | | |
|  | Autori | | Poljak, Dragan; Šesnić, Silvestar; Cvetković, Mario; Šušnjara, Anna; Dodig, Hrvoje; Lallechere, Sebastien; Drissi, Khalil El Khamlichi | | |
|  | Naslov rada | | Stochastic Collocation Applications in Computational Electromagnetics | | |
|  | Časopis | | Mathematical problems in engineering | | |
|  | Broj izdanja, stranice, godina | | 2018, 1-13, 2018 | | |
|  | Bibliografske baze podataka | | CCC, WoSCC, Scopus | | |
|  | Impact factor | | 1.305 | | |
|  |  | |  | | |
|  |  | |  | | |
|  | Autori | | Poljak, Dragan; Šesnić, Silvestar; Šušnjara, Anna; Paric, D.; El Khamlichi Drissi, K.; Lallechere, S. | | |
|  | Naslov rada | | Direct time domain evaluation of the transient field transmitted into a lossy ground due to GPR antenna radiation | | |
|  | Časopis | | Engineering analysis with boundary elements | | |
|  | Broj izdanja, stranice, godina | | 82, 27-31, 2017 | | |
|  | Bibliografske baze podataka | | CCC, WoSCC, Scopus | | |
|  | Impact factor | | 2.964 | | |
|  |  | |  | | |
|  | Autori | | Šušnjara, Anna; Poljak, Dragan | | |
|  | Naslov rada | | An Efficient Deterministic-Stochastic Model of the Human Body Exposed to ELF Electric Field | | |
|  | Časopis | | International Journal of Antennas and Propagation | | |
|  | Broj izdanja, stranice, godina | | 2016, 1-8, 2016 | | |
|  | Bibliografske baze podataka | | CCC, WoSCC, Scopus | | |
|  | Impact factor | | 1.347 | | |
|  |  | |  | | |
|  | Autori | | Cvetković, Mario; Poljak, Dragan; Lojić-Kapetanović, Ante; Dodig, Hrvoje | | |
|  | Naslov rada | | On the Applicability of Numerical Quadrature for Double Surface Integrals at 5G Frequencies. // Journal of communications software and systems | | |
|  | Časopis | | Journal of communications software and systems | | |
|  | Broj izdanja, stranice, godina | | 18, 42-53, 2021 | | |
|  | Bibliografske baze podataka | | Scopus, EBSCO HOST Research Databases, IET Inspec | | |
|  | Impact factor | | 1.260 | | |
|  |  | |  | | |
| Autori | | | Dodig, Hrvoje; Poljak, Dragan; Cvetković, Mario | |  |
| Naslov rada | | | On the Edge Element Boundary Element Method/Finite Element Method Coupling for Time Harmonic Electromagnetic Scattering Problems | |  |
| Časopis | | | International journal for numerical methods in engineering | |  |
| Broj izdanja, stranice, godina | | | 122, 3613-3652, 2021 | |  |
| Bibliografske baze podataka | | | Scopus, AKO IMA OSTALIH – NA PRVU IH NISAM NAŠLA; MOŽDA DA MARIN DODATNO PROGUGLA | |  |
| Impact factor | | | 3.10 | |  |
|  | | |  | |  |
| Autori | | | Li, Kun; Diao, Yinliang; Sasaki, Kensuke; Prokop, Alexander; Poljak, Dragan; Dorić, Vicko; Xi, Jingtian; Kodera, Sachiko; Hirata, Akimasa; El Hajj, Walid | |  |
| Naslov rada | | | Intercomparison of Calculated Incident Power Density and Temperature Rise for Exposure From Different Antennas at 10–90 GHz | |  |
| Časopis | | | IEEE access | |  |
| Broj izdanja, stranice, godina | | | 9, 151654-151666, 2021 | |  |
| Bibliografske baze podataka | | | Inspec, Ei Compendex, Scopus, EBSCOhost, and Google Scholar | |  |
| Impact factor | | | 3.367 | |  |
|  | | |  | |  |
| Autori | | Gomez-Tames, Jose; Laakso, Ilkka; Haba, Yuto; Hirata, Akimasa; Poljak, Dragan; Yamazaki, Kenichi | |  |  |
| Naslov rada | | Computational Artifacts of the In Situ Electric Field in Anatomical Models Exposed to Low-Frequency Magnetic Field | |  |  |
| Časopis | | IEEE transactions on electromagnetic compatibility | |  |  |
| Broj izdanja, stranice, godina | | 60 (2018), 3; 589-597, doi:10.1109/TEMC.2017.2748219 | |  |  |
| Bibliografske baze podataka | | WoS CC, Scopus | |  |  |
| Impact factor | | 2.274 | |  |  |
|  | |  | |  |  |

|  |  |
| --- | --- |
| Autori | Poljak, Dragan; Cvetković, Mario; Dorić, Vicko; Zulim, Ivana; Đogaš, Zoran; Vidaković, Maja Rogić; Haueisen, Jens; Drissi, Khalil El Khamlichi |
| Naslov rada | Integral Equation Formulations and Related Numerical Solution Methods in Some Biomedical Applications of Electromagnetic Fields: Transcranial Magnetic Stimulation (TMS), Nerve Fiber Stimulation |
| Časopis | International Journal of E-Health and Medical Communications |
| Broj izdanja, stranice, godina | 9 (2018), 1; 65-84, doi:10.4018/ijehmc.2018010105 |
| Bibliografske baze podataka | ESCI, Scopus, INSPEC |
| Impact factor | 0.570 |
|  |  |

|  |  |
| --- | --- |
| Autori | Poljak, Dragan; Cvetković, Mario; Bottauscio, Oriano; Hirata, Akimasa; Laakso, Ilkka; Neufeld, Esra; Reboux, Sylvain; Warren, Craig; Giannopolous, Antonis; Costen, Fumie |
| Naslov rada | On the use of Conformal Models and Methods in Dosimetry for Non-Uniform Field Exposure |
| Časopis | IEEE Transactions on Electromagnetic Compatibility |
| Broj izdanja, stranice, godina | 60 (2018), 2; 328-337, doi:10.1109/TEMC.2017.2723459 |
| Bibliografske baze podataka | WoS CC, Scopus |
| Impact factor | 2.274 |
|  |  |

|  |  |
| --- | --- |
| Autori | Dodig, Hrvoje; Cvetković, Mario; Poljak, Dragan; Hirata, Akimasa; Laakso, Ilkka |
| Naslov rada | Hybrid FEM/BEM for Human Head Exposed to High Frequency Electromagnetic Radiation |
| Časopis | WIT Transactions on The Built Environment |
| Broj izdanja, stranice, godina | 174 (2018), 369-378 doi:10.2495/SAFE170341 |
| Bibliografske baze podataka | SJR, Scopus |
| Impact factor | 0.12 |
|  |  |

|  |  |
| --- | --- |
| Autori | Cvetković, Mario; Lallechere, Sebastien; Drissi, Khalil El Khamlichi; Bonnet, Pierre; Poljak, Dragan |
| Naslov rada | Stochastic Sensitivity in Homogeneous Electromagnetic-Thermal Dosimetry Model of Human Brain |
| Časopis | Applied Computational Electromagnetics Society journal |
| Broj izdanja, stranice, godina | 31 (2016) , 6; 644-652 |
| Bibliografske baze podataka | WoS CC, INSPEC, DTIC |
| Impact factor | 0.584 |
|  |  |

|  |  |
| --- | --- |
| Autori | Cvetković, Mario; Poljak, Dragan; Rogić Vidaković, Maja; Đogaš, Zoran |
| Naslov rada | Transcranial magnetic stimulation induced fields in different brain models |
| Časopis | Journal of electromagnetic waves and applications |
| Broj izdanja, stranice, godina | 30 (2016) , 14; 1820-1835 |
| Bibliografske baze podataka | WoS CC, Scopus, INSPEC |
| Impact factor | 1.351 |
|  |  |

|  |  |
| --- | --- |
| Autori | Šesnić, Silvestar; Lalléchère, Sébastien; Poljak, Dragan; Bonnet, Pierre; El Khamlichi Drissi, Khalil |
| Naslov rada | A Stochastic Analysis of the Transient Current Induced along the Thin Wire Scatterer Buried in a Lossy Medium |
| Časopis | International Journal of Antennas and Propagation |
| Broj izdanja, stranice, godina | 2016 (2016) ; 5095242-1-5095242-12 |
| Bibliografske baze podataka | WoS CC, Scopus, INSPEC |
| Impact factor | 1.347 |
|  |  |

|  |  |
| --- | --- |
| Autori | Cvetković, Mario; Poljak, Dragan; Hirata, Akimasa |
| Naslov rada | The electromagnetic-thermal dosimetry for the homogeneous human brain model |
| Časopis | Engineering analysis with boundary elements |
| Broj izdanja, stranice, godina | 63 (2016); 61-73 |
| Bibliografske baze podataka | WoS CC, SJR |
| Impact factor | 2.243 |
|  |  |

|  |  |
| --- | --- |
| Autori | Cvetković, Mario; Poljak, Dragan |
| Naslov rada | Electromagnetic-thermal dosimetry comparison of the homogeneous adult and child brain models based on the SIE approach |
| Časopis | Journal of electromagnetic waves and applications |
| Broj izdanja, stranice, godina | 29 (2015), 17; 2365-2379 |
| Bibliografske baze podataka | WoS CC, Scopus, INSPEC |
| Impact factor | 1.351 |
|  |  |

|  |  |
| --- | --- |
| Autori | Cvetković, Mario; Poljak, Dragan; Haueisen, Jens |
| Naslov rada | Analysis of Transcranial Magnetic Stimulation Based on the Surface Integral Equation Formulation |
| Časopis | IEEE transactions on biomedical engineering |
| Broj izdanja, stranice, godina | 62 (2015), 6; 1535-1545 |
| Bibliografske baze podataka | WoS CC, Scopus |
| Impact factor | 4.491 |
|  |  |

|  |  |
| --- | --- |
| Autori | Dodig, Hrvoje; Lallechere, S.; Bonnet, P.; Poljak, Dragan; El Khamlichi Drissi, K |
| Naslov rada | Stochastic sensitivity of the electromagnetic distributions inside a human eye modeled with a 3D hybrid BEM/FEM edge element method |
| Časopis | Engineering analysis with boundary elements |
| Broj izdanja, stranice, godina | 49 (2014); 48-62 |
| Bibliografske baze podataka | WoS CC, SJR |
| Impact factor | 2.243 |
|  |  |

|  |  |
| --- | --- |
| Autori | Poljak, Dragan; Cavka, Damir; Dodig, Hrvoje; Peratta, Cristina; Peratta, Andres |
| Naslov rada | On the use of the boundary element analysis in bioelectromagnetics |
| Časopis | Engineering analysis with boundary elements |
| Broj izdanja, stranice, godina | 49 (2014); 2-14 |
| Bibliografske baze podataka | WoS CC, SJR |
| Impact factor | 2.243 |
|  |  |

|  |  |
| --- | --- |
| Autori | Poljak, Dragan; Cavka, Damir; Dodig, Hrvoje; Peratta, Cristina; Peratta, Andres Cristina Gonzalez, Maria; Peratta, Andres; Poljak, Dragan |
| Naslov rada | Boundary Element Modeling of the Realistic Human Body Exposed to Extremely-Low-Frequency (ELF) Electric Fields: Computational and Geometrical Aspects |
| Časopis | IEEE Transactions on Electromagnetic Compatibility |
| Broj izdanja, stranice, godina | 49 (2007) , 1; 153-162 |
| Bibliografske baze podataka | WoS CC, Scopus |
| Impact factor | 2.274 |
|  |  |

|  |  |
| --- | --- |
| Autori | Šušnjara, Anna; Poljak, Dragan |
| Naslov rada | An Efficient Deterministic-Stochastic Model of the Human Body Exposed to ELF Electric Field |
| Časopis | International Journal of Antennas and Propagation |
| Broj izdanja, stranice, godina | 2016 (2016), 1-9, 2016; 6153620-1; doi:10.1155/2016/6153620 |
| Bibliografske baze podataka | WoS CC, Scopus, INSPEC |
| Impact factor | 1.347 |
|  |  |

|  |  |
| --- | --- |
| Autori | Poljak, Dragan; Šesnić, Silvestar; Cvetković, Mario; Šušnjara, Anna; Dodig, Hrvoje; Lallechere, Sebastien; Drissi, Khalil El Khamlichi |
| Naslov rada | Stochastic Collocation Applications in Computational Electromagnetics |
| Časopis | Mathematical problems in engineering |
| Broj izdanja, stranice, godina | 2018 (2018), 1-14, 1917439, 13; doi:10.1155/2018/1917439 |
| Bibliografske baze podataka | WoS CC, Scopus, INSPEC |
| Impact factor | 1.179 |
|  |  |

|  |  |
| --- | --- |
| Autori | Šušnjara, Anna; Poljak, Dragan |
| Naslov rada | Uncertainty Quantification for the Transient Response of Human Equivalent Antenna Using the Stochastic Collocation Approach |
| Časopis | International Journal of Antennas and Propagation |
| Broj izdanja, stranice, godina | 2019 (2019), 1-8, 4640925, 7, doi:10.1155/2019/4640925 |
| Bibliografske baze podataka | WoS CC, Scopus, INSPEC |
| Impact factor | 1.347 |
|  |  |

|  |  |
| --- | --- |
| Autori | Ravnik, Jure; Šušnjara, Anna; Poljak, Dragan; Tibaut, Jan; Cvetković, Mario |
| Naslov rada | Stochastic modelling of nanofluids using the fast Boundary-Domain Integral Method |
| Časopis | Engineering analysis with boundary elements |
| Broj izdanja, stranice, godina | 107 (2019), 185-197, doi:10.1016/j.enganabound.2019.07.014 |
| Bibliografske baze podataka | WoS CC, SJR |
| Impact factor | 2.243 |
|  |  |

**Znanstveni radovi kategorije B**

|  |  |
| --- | --- |
| Autori | Cvetković, Mario; Dodig, Hrvoje; Poljak, Dragan |
| Naslov rada | Numerical Comparison of Compound and Extracted Eye Models for High Frequency Dosimetry |
| Časopis | International journal for engineering modelling |
| Broj izdanja, stranice, godina | 31 (2018), 1-2; 1-13, doi:10.31534/engmod.2018.1-2.si.01\_bdny |
| Bibliografske baze podataka | SJR |
| Impact factor | 0.14 |
|  |  |

|  |  |
| --- | --- |
| Autori | Šušnjara, Anna; Poljak, Dragan; Dorić, Vicko; Lalléchère, Sébastien; El Khamlichi Drissi, Khalil; Bonnet, Pierre; Paladian, Françoise |
| Naslov rada | Frequency domain deterministic-stochastic analysis of the transient current induced along a ground penetrating radar dipole antenna over a lossy half-space |
| Časopis | Ground Penetrating Radar |
| Broj izdanja, stranice, godina | 1 (2018), 2; 37-51 doi:10.26376/GPR2018008 |
| Bibliografske baze podataka | - |
| Impact factor | - |
|  |  |

|  |
| --- |
| **Znanstveni radovi kategorije C** |

|  |  |
| --- | --- |
| Autori | Šušnjara, Anna; Ravnik, Jure; Verhnjak, Ožbej, Poljak, Dragan; Cvetković, Mario |
| Naslov rada | Stochastic-Deterministic Boundary Integral Method for Transcranial Electric Stimulation: A Cylindrical Head Representation |
| Naslov zbornika | 27th International Conference on Software, Telecommunications and Computer Networks |
| Stranice (od-do) | 1-7 |
| Naziv skupa | SoftCOM 2019 |
| Datum održavanja skupa (od-do) | 19.-21.09.2019. |
|  |  |

|  |  |
| --- | --- |
| Autori | Šušnjara, Anna; Poljak, Dragan; Rezo, Frano; Matković, Josip |
| Naslov rada | Stochastic Sensitivity Analysis of Bioheat Transfer Equation |
| Naslov zbornika | URSI Commission B International Symposium on Electromagnetic Theory |
| Stranice (od-do) | 1-4 |
| Naziv skupa | URSI-EMTS 2019 |
| Datum održavanja skupa (od-do) | 27.-31.05.2019. |
|  |  |

|  |  |
| --- | --- |
| Autori | Ravnik, Jure; Šušnjara, Anna; Tibaut, Jan; Poljak, Dragan; Cvetković, Mario |
| Naslov rada | Stochastic Boundary-Domain Integral Method for heat transport simulations |
| Naslov zbornika | 4th International Conference on Smart and Sustainable Technologies 2019 (2019) |
| Stranice (od-do) | 1-6 |
| Naziv skupa | SpliTech2019 |
| Datum održavanja skupa (od-do) | 18.-21.06.2019 |
|  |  |

|  |  |
| --- | --- |
| Autori | Ravnik, Jure; Šušnjara, Anna; Tibaut, Jan; Poljak, Dragan; Cvetković, Mario |
| Naslov rada | Coupling of the fast boundary-domain integral method with the stochastic collocation method for fluid flow simulations |
| Naslov zbornika | 42nd International Conference on Boundary Elements and other Mesh Reduction Methods (2019) |
| Stranice (od-do) | 1-6 |
| Naziv skupa | CBEM2019 |
| Datum održavanja skupa (od-do) | 2.- 4.07.2019 |
|  |  |

|  |  |
| --- | --- |
| Autori | Ravnik, Jure; Šušnjara, Anna; Tibaut, Jan; Poljak, Dragan; Cvetković, Mario |
| Naslov rada | Stochastic analysis of nanofluid simulations |
| Naslov zbornika | 1st International Conference on Nanofluids (ICNf2019) ; 2ndEuropean Symposium on Nanofluids (ESNf2019) (2019) |
| Stranice (od-do) | 1-6 |
| Naziv skupa | ICNf2019, ESNf2019 |
| Datum održavanja skupa (od-do) | 24.-26.06.2019 |
|  |  |

|  |  |
| --- | --- |
| Autori | Šušnjara, Anna; Cvetković, Mario; Dodig, Hrvoje; Poljak, Dragan |
| Naslov rada | Stochastic Thermal Dosimetry for the Three Compartment Head Model |
| Naslov zbornika | 2018 International Conference on Software, Telecommunications and Computer Networks |
| Stranice (od-do) | 1-6 |
| Naziv skupa | SoftCOM 2018 |
| Datum održavanja skupa (od-do) | 13.-15.09.2018. |
|  |  |

|  |  |
| --- | --- |
| Autori | Šušnjara, Anna; Cvetković, Mario; Dodig, Hrvoje; Poljak, Dragan |
| Naslov rada | Stochastic Sensitivity Analysis for Dosimetry of Head Tissues for the Three Compartment Head Model |
| Naslov zbornika | 3rd International Conference on Smart and Sustainable Technologies 2018: |
| Stranice (od-do) | 1-7 |
| Naziv skupa | SpliTech2018 |
| Datum održavanja skupa (od-do) | 26.-29.06.2018. |
|  |  |

|  |  |
| --- | --- |
| Autori | Šušnjara, Anna; Cvetković, Mario; Dodig, Hrvoje; Poljak, Dragan |
| Naslov rada | Numerical analysis of a three-compartment head model subjected to variation of input parameters |
| Naslov zbornika | The Joint Annual Meeting of The Bioelectromagnetics Society and the European BioElectromagnetics Association |
| Stranice (od-do) | 605-610 |
| Naziv skupa | BioEM 2018 |
| Datum održavanja skupa (od-do) | 24.-29.06.2018. |
|  |  |

|  |  |
| --- | --- |
| Autori | Šušnjara, Anna; Cvetković, Mario; Poljak, Dragan; Lallechere, Sebastien; Drissi, Khalil El Khamlichi |
| Naslov rada | Stochastic sensitivity in thermal dosimetry for the homogeneous human brain model |
| Naslov zbornika | The Joint Annual Meeting of The Bioelectromagnetics Society and the European BioElectromagnetics Association |
| Stranice (od-do) | 652-658 |
| Naziv skupa | BioEM 2016 |
| Datum održavanja skupa (od-do) | 05.-10.-06.2016. |
|  |  |

|  |  |
| --- | --- |
| Autori | Cvetković, Mario; Šušnjara, Anna; Poljak, Dragan; Lallechere, Sebastien; Drissi, Khalil El Khamlichi |
| Naslov rada | Stochastic Collocation Method Applied to Transcranial Magnetic Stimulation Analysis |
| Naslov zbornika | The Joint Annual Meeting of The Bioelectromagnetics Society and the European BioElectromagnetics Association |
| Stranice (od-do) | 151-157 |
| Naziv skupa | BioEM 2016 |
| Datum održavanja skupa (od-do) | 05.-10.-06.2016. |
|  |  |

*\*Kategorizacija znanstvenih radova sukladno Pravilniku o uvjetima za izbor u znanstvena zvanja (NN 28/2017).*

*Napomena: Ako u nekoj kategoriji nema objavljenih radova pripadne tablice izbrisati.*