Mirjana Mikalački, PhD

~ Curriculum Vitae ~

PERSONAL DATA

Name: Mirjana Mikalački *(maiden name: Rakić)*
Date and place of birth: February 21, 1984, Novi Sad, Serbia.
Postal address: Department of Mathematics and Informatics
Faculty of Sciences, University of Novi Sad
Trg Dositeja Obradovića 4
21000 Novi Sad
Serbia
Telephone: +381-21-485-28-66,
Fax: +381-21-635-04-58
E-mail: mirjana.mikalacki@dmi.uns.ac.rs
Web: http://people.dmi.uns.ac.rs/~mima/

PROFESSIONAL EXPERIENCE

- 2019 - Associate Professor, University of Novi Sad, Faculty of Sciences, Department of Mathematics and Informatics
- 2014 - 2019 Assistant Professor, University of Novi Sad, Faculty of Sciences, Department of Mathematics and Informatics
- 2009 - Teaching Associate for Informatics and Computer Science for talented children at "Jovan Jovanović – Zmaj" grammar school in Novi Sad
- 2009 - 2014 Research and Teaching Assistant at University of Novi Sad, Faculty of Sciences, Department of Mathematics and Informatics
- 2007 - 2009 Junior Researcher and Teaching Assistant at University of Novi Sad, Faculty of Sciences, Department of Mathematics and Informatics

EDUCATION

- 2014 PhD in Computer Science, University of Novi Sad, Faculty of Sciences, Department of Mathematics and Informatics (advisor – Miloš Stojaković)
- 2007 BSc in Computer Science (four-year study programme, graduate thesis in the field of Computer Graphics), University of Novi Sad, Faculty of Sciences, Department of Mathematics and Informatics, GPA: 9.93 (max 10.00)
- 1999 - 2003 Grammar school "Jovan Jovanović - Zmaj", Novi Sad

RESEARCH INTERESTS

Positional Games, Graph Theory, Graph Algorithms.

~ List of publications ~

COURSE BOOKS

1. Miloš Stojaković, Mirjana Mikalački, Uvod u programiranje za matematičare, Prirodno-matematički fakultet, Novi Sad, 2017.

JOURNAL PAPERS

1. D. Clemens, P. Gupta, F. Hamann, A. Haupt, M. Mikalački, Y. Mogge, *Fast strategies in Waiter-Client games*, The Electronic Journal of Combinatorics 27(3) (2020), #P3.57
2. J. Forcan, M. Mikalački, *On the WalkerMaker-WalkerBreaker games*, Discrete Applied Mathematics 279 (2020), 69-79
3. C. Dowden, M. Kang, M. Mikalački, M. Stojaković, *The Toucher-Isolator game,* The Electronic Journal of Combinatorics 26(4) (2019), #P4.6.
4. A. Tóth, L. Dragojlović, N. Ignjatov, M. Mikalački, M. Krmar, *Is attenuation technique sensitive enough to be used to make distinction between FF and FFF spectrum of therapy LINAC,* Nuclear technology & Radiation protection 34(2) (2019), 145-148.
5. M. Mikalački, M. Stojaković, *Fast strategies in biased Maker-Breaker games*, Discrete Mathematics and Theoretical Computer Science 20:2 (2018), P6
6. D. Clemens, M. Mikalački, *How fast can Maker win in fair biased games?*, Discrete Mathematics 341 (2018), 51-66
7. D. Clemens, M. Mikalački: *A remark on the tournament game*, The Electronic Journal of Combinatorics 22(3) (2015), P3.42
8. A. Grzesik, M. Mikalački, Z. L. Nagy, A. Naor, B. Patkós, F. Skerman: *Avoider-Enforcer star games*, Discrete Mathematics and Theoretical Computer Science 17:1 (2015), 145-160 .
9. D. Hefetz, M. Mikalački, M. Stojaković, *Doubly Biased Maker-Breaker Connectivity Game,* The Electronic Journal of Combinatorics 19(1) (2012), P61.

CONFERENCE PROCEEDINGS (with refereeing)

1. J. Forcan, M. Mikalački, *Doubly biased Walker-Breaker games*, Acta Mathematica Universitatis Comenianae, 88 (3) (2019), 685-688 (*Proc. European Conference on Combinatorics, Graph Theory and Applications (EUROCOMB 2019), Bratislava, Slovakia, 2019*)
2. M. Mikalački, M. Stojaković, *Winning fast in biased Maker-Breaker games*, Electronic Notes in Discrete Mathematics 61 (2017) 863-868 (*Proc. European Conference on Combinatorics, Graph Theory and Applications (EUROCOMB 2017), Vienna, Austria, 2017*)
3. D. Clemens, M. Mikalački, *Winning fast in fair biased Maker-Breaker games*, Electronic Notes in Discrete Mathematics 49 (2015) 353-358 (*Proc. European Conference on Combinatorics, Graph Theory and Applications (EUROCOMB 2015), Bergen, Norway, 2015*)

4. A. Grzesik, M. Mikalački, Z. Nagy, A. Naor, B. Patkós, F. Skerman, *Avoider-Enforcer star games*, Proc. of European Conference on Combinatorics, Graph Theory and Applications - Eurocomb 2013, Pisa, Italy, (2013), 375-379.
5. Đ. Takači, G. Stankov, M. Rakić, *On the role of examining functions in GeoGebra*, Proc. of International GeoGebra Conference for Southeast Europe, Novi Sad, Serbia, (2011) 18-26.
6. M. Rakić, Ž. Bodroški, S. Škrbić*: An Application of the GWT in Faculty Information System*. Proc. 52nd ETRAN Conference, Palić, Serbia, (2008).

CONFERENCE ABSTRACTS

1. M. Mikalački, *Positional games*, KWIM-Festtage, Konstanz, Germany, 2018
2. J. Forcan, M. Mikalački, *Winning fast when both Maker and Breaker are walkers*, COST Action CA 16228, European network for game theory (GAMENET) Programme and Abstracts 2019, 18-18
3. M. Mikalački, *Fast winning in positional games on graphs*, GAG Workshop, Lyon, 2017
4. D. Clemens, M. Mikalački, *Maker-Breaker tournament game*, 7th European Congress of Mathematics Book of Abstracts, Berlin, Germany, 2016, 532-532
5. M. Mikalački, *How fast can Maker win in biased games on $E(K_n)$?*, Proc. of 5^{th} Polish Combinatorial Conference, Bedlewo, Poland, 2014, 39-39.
6. M. Mikalački, *Avoider-Enforcer star games*, Proc. of Workshop in Combinatorics, Szeged, Hungary, 2014, 3-4.
7. M. Mikalački, *Doubly biased Maker-Breaker Connectivity game*, Proc. of 4^{th} Polish Combinatorial Conference, Bedlewo, Poland, 2012, 55-55.
8. M. Mikalački , M. Stojaković, *On doubly biased Maker-Breaker games*, Proc. of CSM - The Second Conference of PhD Students in Mathematics, Szeged, Hungary, 2012, 20-21.
9. D. Hefetz, M. Rakić, M. Stojaković, *Doubly Biased Connectivity Game*, Proc. CSM – The First Conference of PhD Students in Mathematics, Szeged, Hungary, 2010, 30-30.