Kristian Miok

LISTA LUCRARILOR PUBLICATE

(i)   **Titul tezei:** "Prediction Uncertainty Estimation for Deep Learning Applications" sustinut in comisia de indrumare in Septembrie 2021.

(ii)   **Articole**

2021
- Pârvulescu, L., Stoia, D.I., **Miok, K.,** Ion, M.C., Puha, A.E., Sterie, M., Vereş, M., Marcu, I., Muntean, M.D. and Aburel, O.M., 2021. Force and boldness: Cumulative assets of a successful crayfish invader. *Frontiers in Ecology and Evolution, 9,* p.49.

- **Miok, K.,** Škrlj, B., Zaharie, D., and Robnik-Šikonja, M. (2021). To BAN or not to BAN: Bayesian Attention Networks for Reliable Hate Speech Detection. Cognitive Computation, 1-19.

2020
- Pârvulescu, L., Iorgu, E. I., Zaharia, C., Ion, M. C., Satmari, A., Krapal, A. M., Popa, O. P., **Miok, K.,** Petrescu, I., and Popa, L. O. (2020). The future of endangered crayfish in light of protected areas and habitat fragmentation. Scientific reports, 10(1), 1-12.

(iii)   **Publicatii aparute in lucrari ale principalelor conferinte international de specialitate.**

2020
- **Miok K.,** Pirš G., Robnik-Šikonja M. (2020) Bayesian methods for semi-supervised text annotation. In: Proceedings of the 14th Linguistic Annotation Workshop, Association for Computational Linguistics, Barcelona, Spain, pp 1–12.

- **Miok, K.,** Škrlj, B., Zaharie, D., and Robnik-Šikonja, M. (2020). Bayesian BERT for Trustful Hate Speech Detection. Presented as poster at *NeurIPS 2020,* Europe meetup on Bayesian Deep Learning and *ICML 2020,* Workshop on Uncertainty and Robustness in Deep Learning.

2019
- **Miok, K.,** Nguyen-Doan, D., Robnik-Šikonja, M., and Zaharie, D. (2019, November). Multiple Imputation for Biomedical Data using Monte Carlo Dropout Autoencoders. In 2019 E-Health and Bioengineering Conference (EHB) (pp. 1-4). IEEE.

- **Miok, K.,** Nguyen-Doan, D., Škrlj, B., Zaharie, D., and Robnik-Šikonja, M. (2019, October). Prediction Uncertainty Estimation for Hate Speech Classification. In International Conference on Statistical Language and Speech Processing (pp. 286-298). Springer, Cham.

- **Miok, K.,** Nguyen-Doan, D., Zaharie, D., and Robnik-Šikonja, M. (2019, September). Generating Data using Monte Carlo Dropout. In 2019 IEEE 15th International Conference on Intelligent Computer Communication and Processing (ICCP) (pp. 509-515). IEEE.

2018
- **Miok, K.** (2018, September). Estimation of prediction intervals in neural network-based regression models. In 2018 20th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC) (pp. 463-468). IEEE