

# Ruslan Klymentiev

PHD CANDIDATE · GHENT UNIVERSITY

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## Education

### Ghent University

PHD CRIMINOLOGY

- Thesis: Interdependencies of Serial and Co-Offending Networks in Space and Time
- Supervisor: Prof. Dr. Christophe Vandeviver

Belgium

01/2023 - 12/2026

### Otto von Guericke University Magdeburg

MSC INTEGRATIVE NEUROSCIENCE

- Thesis: Role of Orexin in the Explorative-Exploitative Trade-Off
- Supervisor: Prof. Dr. Markus Fendt

Germany

10/2020 – 10/2022

### Odesa National Polytechnic University

BSc RADIOELECTRONIC APPARATUSES

Ukraine

09/2010 – 07/2014

## Professional Experience

- 2020 – 2022 **Research Assistant**, Otto von Guericke University Magdeburg  
2019 – 2021 **Data Science Instructor**, DEVrepublik  
2018 – 2019 **Data Scientist**, Bennett Data Science  
2017 – 2018 **Junior Data Analyst**, CARiD

## Publications

### PUBLISHED

- Klymentiev, R.**, Rocha, L. E. C. & Vandeviver, C. (2025). Homophily promotes stable connections in co-offending networks but limits information diffusion: insights from a simulation study. *Crime Science*, 14(9). <https://doi.org/10.1186/s40163-025-00254-w>
- Klymentiev, R.**, Harvey, D., Rocha, L. E. C. & Vandeviver, C. (2025). A systematic review and Bayesian meta-analysis of co-offending characteristics. *Nature Human Behaviour*. <https://doi.org/10.1038/s41562-025-02244-z>
- Deane, K. E., **Klymentiev, R.**, Heck, J., Mark, M. D., Ohl, F. W., Heine, M., & Happel, M. F. K. (2024). Inhibiting presynaptic calcium channel motility in the auditory cortex suppresses synchronized input processing. *Frontiers in Cellular Neuroscience*, 18. <https://doi.org/10.3389/fncel.2024.1369047>

### IN PREP

- Deane, K. E., García-Rosales, F., **Klymentiev, R.**, Hechavarria, J. C., & Happel, M. F. K. (2022). The auditory cortex of bats has a better signal to noise ratio and lower inter-trial variability in response to stimuli trains than mice. *bioRxiv (Cold Spring Harbor Laboratory)*. <https://doi.org/10.1101/2022.10.28.514155>

## Presentations

### INVITED TALKS

- 11/2024. *Simulations as a bridge between theory and empirical testing in criminology research*. Guest Lecture, Ghent University.
- 12/2021. *Introduction to Python*. Brainhack Magdeburg 2021, Online.
- 12/2020. *Data Viz Hacking*. DEVrepublik Conference 2020, Online.

ORAL PRESENTATIONS

**Klymentiev, R**, Rocha, L. E. C., & Vandeviver, C. (2024, October 24-25). *The effect of homophily on co-offending outcomes* [Conference presentation]. CBEN & MVE Joint Meeting 2024, Maastricht, Netherlands.

**Klymentiev, R**, Rocha, L. E. C., & Vandeviver, C. (2024, September 19-20). *The effect of homophily on co-offending outcomes* [Conference presentation]. 19th Annual Social Simulation Conference (SSC 2024), Kraków, Poland.

Teaching & Mentoring Experience \_\_\_\_\_

09/2024 - present	<b>Supervision of Bachelor and Master students</b> , Supervisor	Ghent University
07/2022	<b>Computational Neuroscience Course</b> , Teaching Assistant	Neuromatch Academy
04/2022	<b>Self-paced course Python for Neuroscience</b> , Creator	pyforneuro.com
07/2021	<b>Computational Neuroscience Course</b> , Teaching Assistant	Neuromatch Academy
03/2020 – 10/2021	<b>Statistics for Data Science</b> , Creator & Lecturer	DEVrepublik
03/2020 – 10/2021	<b>Python for Data Science</b> , Creator & Lecturer	DEVrepublik
10/2019 – 03/2020	<b>Data Science 3-month Bootcamp</b> , Creator & Lecturer	DEVrepublik