

## EDUCATION

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### University of Edinburgh

Ph.D. in Natural Language Processing

September 2019 –

- Advisors: Martin Pickering and Yevgen Matushevych

M.Sc. Psychology of Language, *Distinction*

2016 –2017

- Advisor: Martin Pickering
- Thesis: “The Effect of Semantic Constraint on Lexical Access in Bilingual Word Recognition”

### School of Oriental and African Studies, University of London

Erasmus+ Exchange Programme, *GPA: 76/100*

2015 –2016

### Norwegian University of Science and Technology

B.A. in Foreign Languages with specialization in English, *GPA: 4/5*

2013 –2016

## PUBLICATIONS

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Frank, S., Hinaut, X., Kaan, E., Khoe, Y. H., Chen, L., Winther, I. E., & Matushevych, Y. (2022). Bilingual sentence processing: When models meet experiments. *Proceedings of the 44th Annual Conference of the Cognitive Science Society*.

Winther, I. E., Matushevych, Y., & Pickering, M. J. (2022). Can learning explain cognate effects in bilingual comprehension and production? Manuscript submitted for publication.

Winther, I. E., Matushevych, Y., & Pickering, M. J. (2021). Cumulative frequency can explain cognate facilitation in language models. In T. Fitch, C. Lamm, H. Leder, & K. Teßmar-Raible (Eds.), *Proceedings of the 43rd Annual Conference of the Cognitive Science Society* (pp. 2513–2519). Cognitive Science Society. [Paper] [Poster].

## TEACHING

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### University of Edinburgh

- **Marker, Demonstrator** – Data Analysis for Psychology in R1 (PSYL08013) 2021/22
- **Marker** – Univariate Statistics and Methodology using R (PSYL11053) Autumn 2021

## PRESENTATIONS

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| Word frequency effects in bilingual language models  | 30 July 2022                                       |
| <i>Talk, symposium on Bilingual Sentence Processing: when Models Meet Experiments, CogSci 2022</i> | Toronto, Canada                                    |
| Cumulative frequency can explain cognate facilitation in language models                           | 5 April 2022                                       |
| <i>Talk, Language and Cognition Research Group, Cardiff University</i>                             | Cardiff, United Kingdom (online due to covid-19)   |
| Cumulative frequency can explain cognate facilitation in language models                           | 29 July 2021                                       |
| <i>Poster presentation, CogSci 2021</i>  | Vienna, Austria (online due to covid-19)           |
| Cognate facilitation in computational language models  | 28 April 2021                                      |
| <i>Talk, Psycholinguistics Coffee, University of Edinburgh</i>                                     | Edinburgh, United Kingdom (online due to covid-19) |

## SERVICE

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### Organizer

#### Psycholinguistics Coffee

2020 –2021

Changed format to virtual talks during covid-19. Organized and moderated talks, invited speakers, set up and maintained new website and Twitter-account.

#### CDT-NLP Reading Group

2019 –2021

Organized a reading group for members of the CDT in NLP at the School of Informatics.

## FURTHER TRAINING

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- PPLS Inclusive Teaching Training Workshop  
*Equality, Diversity and Inclusion workshop* January 2022  
*University of Edinburgh*
- Trieste Encounters on Cognitive Science  
*Summer school/symposium* July 2016  
*International School for Advanced Studies, Trieste*

## LANGUAGES

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- **Norwegian** fluent
- **Finnish** fluent
- **English** fluent
- **Swedish** fluent
- **German** intermediate
- **Italian** beginner
- **Persian** beginner

## PROGRAMMING LANGUAGES

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- **R** advanced
- **jsPsych** intermediate
- **Python** intermediate
- **LaTeX** intermediate