

# MOBILITY SEMESTER AT THE UNIVERSITY OF LJUBLJANA

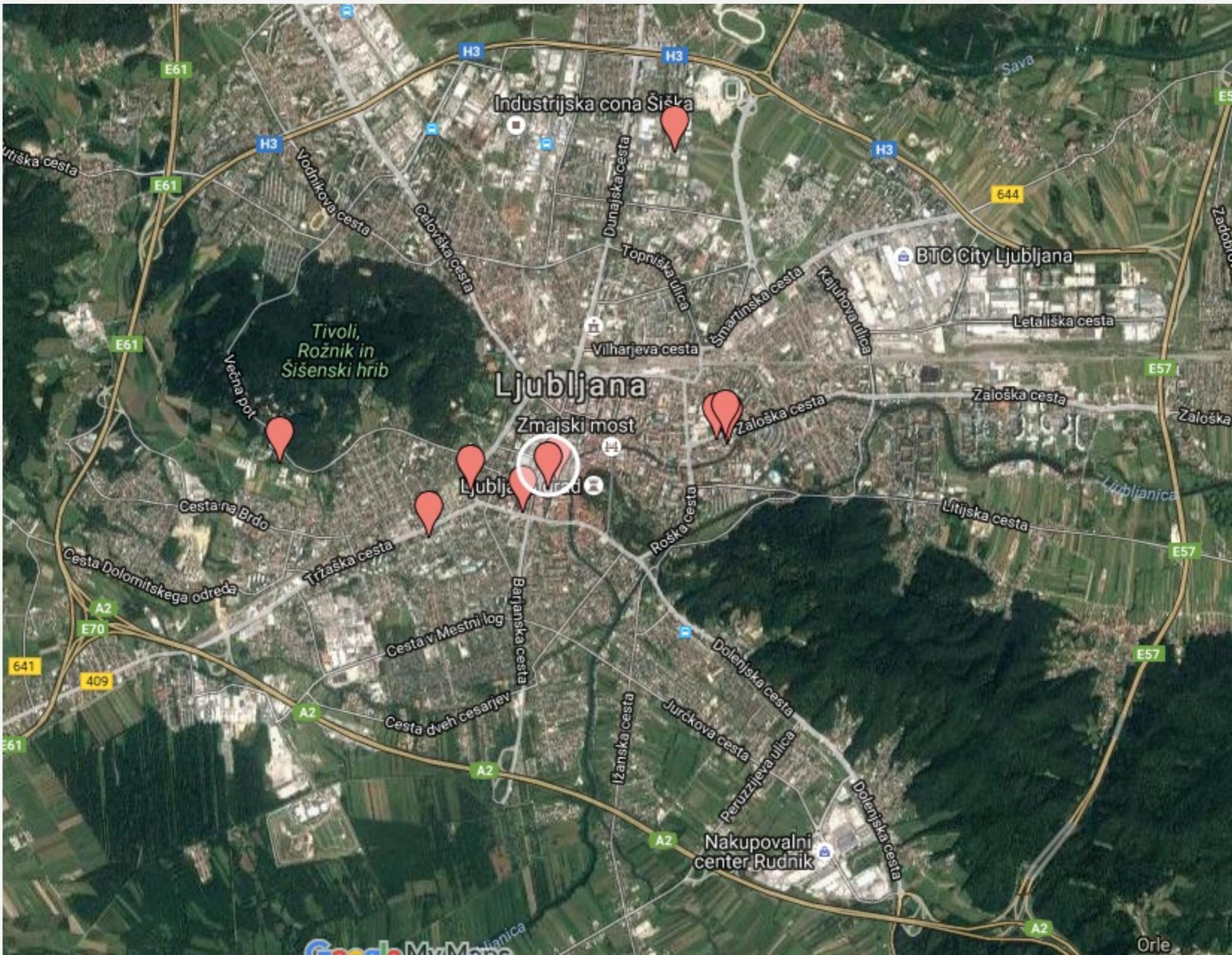


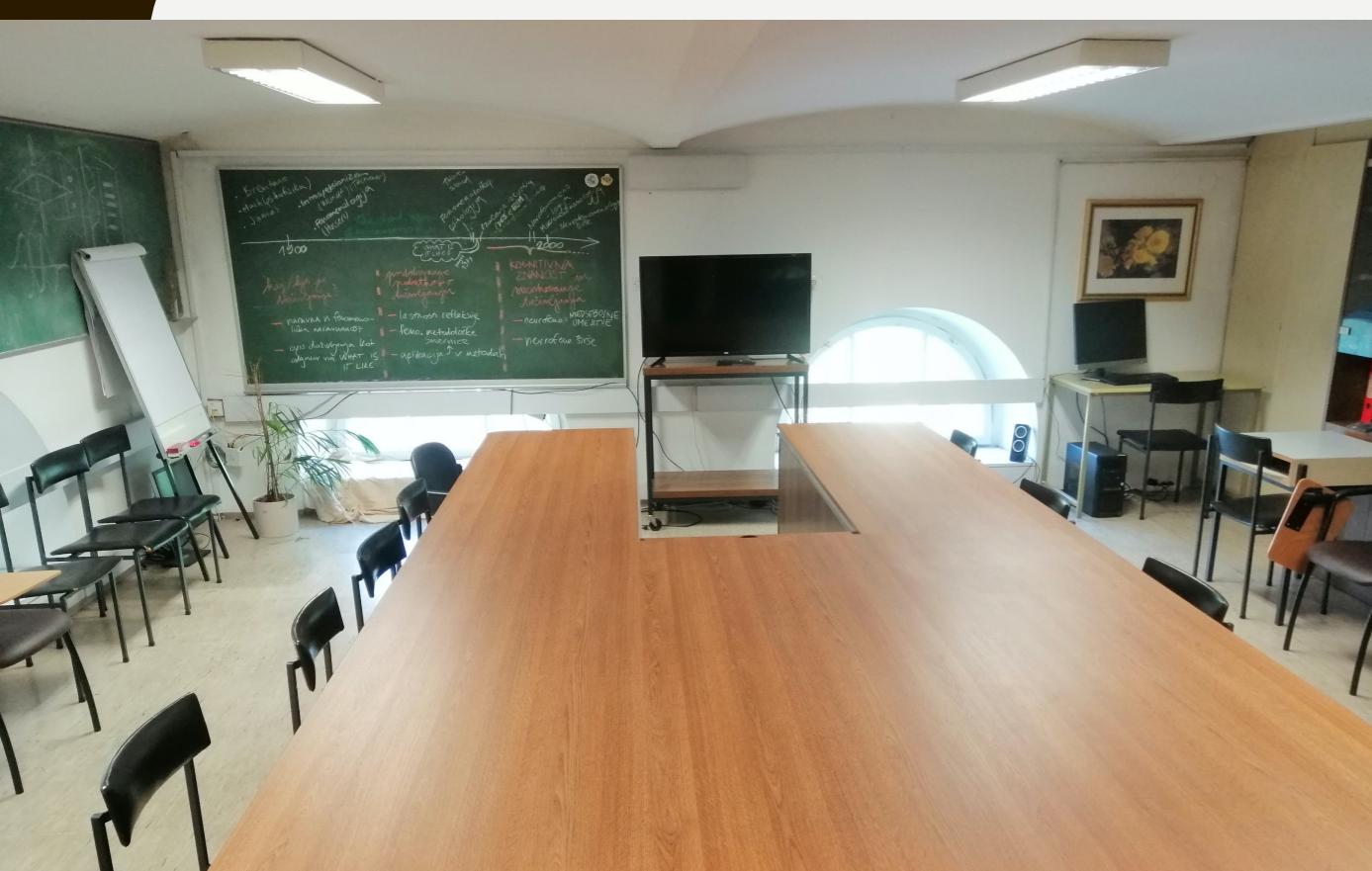
Univerza v Ljubljani



Middle European  
interdisciplinary  
master's programme in  
Cognitive Science

# SOME OF LJUBLJANA'S COGSCI STUDY VENUES





# VEGOVA CENTER FOR COGSCI OBSERVATORY

# TRENDS IN COGNITIVE SCIENCE

- Toma Strle, Jaša Černe
- Topic: neurophenomenology
- Structure: lectures, collaborative seminar work, journal club

# ELECTIVES 21/22

- Seminars in clinical neuroscience (5 ECTS)
  - Zvezdan Pirtošek and colleagues
- Psychological theories of rationality (5 ECTS)
  - Borut Trpin
- Exploring human experience: beliefs, emotions, self (5 ECTS)
  - Urban Kordeš, Toma Strle, Jaša Černe
- Courses at other faculties for mobility students:  
[http://www.pef.uni-lj.si/kognitivna/meicogsciprogramme\\_mobility.html](http://www.pef.uni-lj.si/kognitivna/meicogsciprogramme_mobility.html)

# MOBILITY PROJECTS

- Specific topics/projects dependent also upon ongoing projects in labs during the upcoming mobility semester.
- Possible covid-19-related limitations.
- Research coordinator: Anka Slana Ozimič:  
[anka.slanaozimic@ff.uni-lj.si](mailto:anka.slanaozimic@ff.uni-lj.si)

# COGNITIVE NEUROSCIENCE & NEUROLOGY

- Laboratory for Cognitive Neuroscience, University Medical Centre Ljubljana, Department of Neurology
  - Zvezdan Pirtošek
  - Contacts: [tina.stukelj@mf.uni-lj.si](mailto:tina.stukelj@mf.uni-lj.si)
  - <http://www.kobz.si/en/LCN.php>
  - Studying cognition with EEG/TMS (EEG and TMS Lab), particularly neurological and neuropsychiatric disorders (e.g. dementia)

# COGNITIVE NEUROSCIENCE & NEUROLOGY

- Laboratory for Clinical Neuroscience, University Medical Centre Ljubljana, Department of Neurology
  - Dejan Georgiev, [dejan.georgiev@kclj.si](mailto:dejan.georgiev@kclj.si)
  - Movement disorders and deep brain stimulation
  - Eye movement and cognitive abnormalities

# CLINICAL NEUROSCIENCE

- University Psychiatric Clinic Ljubljana
  - Jure Bon, Aleš Oblak: [jure.bon@psih-klinika.si](mailto:jure.bon@psih-klinika.si), [oblak.ales.93@gmail.com](mailto:oblak.ales.93@gmail.com)
  - EEG & clinical depression
  - Studying cognition with EEG and TMS in health and psychiatric disorders

# NEUROLINGUISTICS

- Department of Comparative and General Linguistics, Faculty of Arts
  - Christina Manoulidou, [christina.manoulidou@ff.uni-lj.si](mailto:christina.manoulidou@ff.uni-lj.si)
  - Language processing in healthy and brain-damaged populations

# COGNITIVE NEUROSCIENCE & PSYCHOLOGY

- Mind and Brain Lab, Department of Psychology, Faculty of Arts
  - Grega Repovš, Anka Slana Ozimič, Nina Purg ...
  - Contact: [anka.slanaozimic@ff.uni-lj.si](mailto:anka.slanaozimic@ff.uni-lj.si)
  - <http://psy.ff.uni-lj.si/mblab/en>
  - Cognitive neuroscience of working memory and cognitive control
  - Brain connectivity studies (focus on the development of tools for fMRI and EEG functional connectivity analyses).

# PSYCHOLOGY

- Department of Psychology, Faculty of Arts
  - Anja Podlesek / Luka Komidar
  - Contact: [anja.podlesek@ff.uni-lj.si](mailto:anja.podlesek@ff.uni-lj.si)
  - Developing cognitive tests for measuring executive functions
  - Cognitive training and cognitive test performance
  - Interactive cognitive training for the elderly (in collaboration with Andrej Košir, LUCAMI lab, Faculty of Electrical Engineering)

# EMPIRICAL PHENOMENOLOGY

- Observatory: Laboratory for empirical phenomenology, Center for Cognitive Science, Faculty of Education
  - Urban Kerdeš, Jaša Černe, Toma Strle
  - Contact: [jasa.cerne@pef.uni-lj.si](mailto:jasa.cerne@pef.uni-lj.si)
  - <http://observatory.pef.uni-lj.si>
- The experience of decision-making
- Ethnography of everyday experience
- Contemplative phenomenology: meditation as a tool for investigating consciousness (<https://philpapers.org/rec/KOREOM>)

# PHILOSOPHY

- Department of philosophy, Faculty of Arts
  - Olga Markič, [olga.markic@ff.uni-lj.si](mailto:olga.markic@ff.uni-lj.si)
  - Science, values and society
  - Cognitive science in the world of sport
- Center for Cognitive Science, Faculty of Education
  - Toma Strle, [toma.strle@pef.uni-lj.si](mailto:toma.strle@pef.uni-lj.si)
  - Decision-making (4E approaches to DM; lab vs. everyday life DM)

# PHILOSOPHY

- Department of philosophy, Faculty of Arts
  - Sebastjan Vörös, [sebastjan.voros@ff.uni-lj.si](mailto:sebastjan.voros@ff.uni-lj.si)
  - Francisco Varela's work on life, mind and consciousness
- Department of Philosophy, Faculty of Arts & LMU München
  - Borut Trpin ([borut.trpin@gmail.com](mailto:borut.trpin@gmail.com))
  - Computational philosophy; theories of rationality

# COMPUTER SCIENCE, AI

- Artificial Intelligence Lab, Faculty of Computer and Information Science
  - Ivan Bratko, [ivan.bratko@fri.uni-lj.si](mailto:ivan.bratko@fri.uni-lj.si)
  - Explainable machine learning and problem-solving
- Laboratory for Cognitive Modeling, Faculty of Computer and Information Science,
  - Marko Robnik Šikonja, [robniksikonja@fri.uni-lj.si](mailto:robniksikonja@fri.uni-lj.si)
  - Machine learning and natural language processing

# OTHER POSSIBLE PROJECT SUPERVISORS AND TOPICS

- Gregor Geršak, Lab for Metrology, Faculty of Electrical Engineering, : measuring psychophysiological data ... ([gregor.gersak@fe.uni-lj.si](mailto:gregor.gersak@fe.uni-lj.si))
- Janez Demšar, Bioinformatics Laboratory, Faculty of Computer and Information Science: machine learning, data mining ... (Orange) ([janez.demsar@fri.uni-lj.si](mailto:janez.demsar@fri.uni-lj.si))
- Maja Malec, Faculty of Arts, Department of philosophy: philosophy of mind ([maja.malec@ff.uni-lj.si](mailto:maja.malec@ff.uni-lj.si))
- If you do not find a topic of interest, you can contact Anka Slana Ozimič ([anka.slana@psy.ff.uni-lj.si](mailto:anka.slana@psy.ff.uni-lj.si)) for more possibilities (e. g., gait and cognition, psychadelics, music perception, natural language processing, user experience, virtual reality, etc.).

# FURTHER INFO

- Info page for mobility students: [http://www.pef.uni-lj.si/kognitivna/meicogsciprogramme\\_mobility.html](http://www.pef.uni-lj.si/kognitivna/meicogsciprogramme_mobility.html)
- Research projects coordinator: Anka Slana Ozimič, [anka.slanaozimic@ff.uni-lj.si](mailto:anka.slanaozimic@ff.uni-lj.si)
- Erasmus+ coordinator: Igor Repac, International office of the Faculty of Education, [mednarodna@pef.uni-lj.si](mailto:mednarodna@pef.uni-lj.si)
- Contact Toma Strle for other matters, [toma.strle@pef.uni-lj.si](mailto:toma.strle@pef.uni-lj.si)