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Faculty of Humanities and Social Sciences

Founded in 1874
>100 undergraduate, graduate and postgraduate programs

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DEPARTMENT OF PSYCHOLOGY
FACULTY OF HUMANITIES AND SOCIAL SCIENCES, UNIVERSITY OF ZAGREB

| incoming | outgoing |
|-----------------------|--------------|
| MA Ljubljana | PhD Sarajevo |
| 1 PhD & 1 MA Sarajevo | MA Belgrade |
| BA Montenegro | MA Krakow |

NEUROSHARE 2020/21

Department of psychology (90+ years):
Bachelor
Master
Doctoral programme

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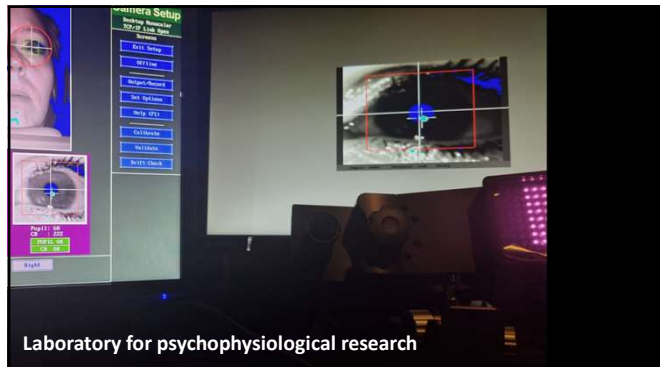
Department of Psychology

Nine sections

- Experimental psychology
- Biological psychology
- Health and clinical psychology
- General psychology
- Developmental psychology
- Social psychology
- Psychometrics
- Work psychology and ergonomics
- Educational psychology

} → of interest for NEUROSHARE

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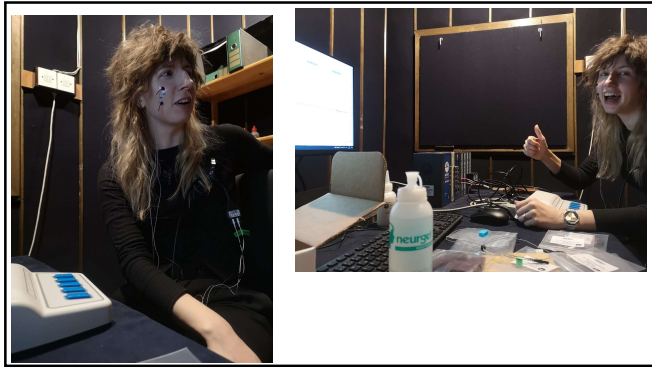
Laboratory for psychophysiological research

- experiment generators and psychology software tools (E-Prime, PsyStudio...)
- multichannel Nikon Kohden EEG, wireless MOBITA EEG
- BIOPAC MP160 system with Acknowledge software for psychophysiological data acquisition and analysis (EDA, facial EMG, ECG and E-Prime synchronisation modules)
- transcranial direct current stimulator (tDCS; tACS Neurocare DC-stimulators)
- EyeLink 1000 Plus Desktop Mount eyetracker

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Cooperation with other units




Sestre milosrdnice University Hospital Center
Clinic for neurosurgery
Awake brain surgery – continual neuropsychological assessment during brain surgery

University psychiatric hospital Vrapče

....work in progress....
Faculty of electrical engineering and computing
Developing a new MS program – Applied cognitive sciences
(AI, cognition, linguistics)


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Topics (and people :-) of potential interest




Dragutin Ivanec

- the effect of stimulus context on sensation, perception and reaction time
- the influence of small amounts of alcohol on perceptual and cognitive functioning
- the role of psychological factors in the modulation of pain perception, especially the role of attention and expectations



Ivan Tomić


- consequences of processing distractors of different strengths on representations in visual working memory



Mirjana Tonković

- the psychology of language:
 - the relationship between language, thought and perception within the theory of conceptual metaphors and the theory of perceptual symbols
 - the influence of metaphors on thinking
 - determinants of understanding figurative language
 - foreign language effect (Francesca Dumancic)

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Andrea Vranić & Marina Martinčević


Cognitive aging and plasticity in older age

- cognitive training paradigms (mostly in the domain of working memory and executive functioning)
- neuromodulation, neural and affective correlates of training success
- rehabilitation of cognitive functions in various degenerative brain changes

Broader determinants of successful thinking (e.g. analytical reasoning, trust in science, conspiracy theories)



Affective Cognitive Training: Neural, Cognitive, and Behavioral Effects



Ivana Hromatko

- activational effects of sex hormones (on spatial reasoning abilities, verbal abilities, fine motor skills...)
- hemispheric lateralization
- biopsychosocial model of health, psychoneuroimmunology, Darwinian medicine
- behavioral immune system, psychophysiological correlates of disgust
- fear module (Katarina Faraguna)

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