



# Summer School "Psychology of Reasoning Theory, Practice, and Applications"



12 May 2023- 19 May 2023

**UNIwersYTET JUTRAII**  
- zintegrowany program rozwoju Uniwersytetu im. Adama Mickiewicza w Poznaniu  
POWR.03.05.00-00-Z303/18





# About the University

Adam Mickiewicz University is the major academic institution in Poznań and one of the top Polish universities. Its reputation is founded on tradition, the outstanding achievements of the faculty and the attractive curriculum. The mission of the University is to advance knowledge through high-quality research and teaching in partnership with business, professions, public services and other research and learning providers.

**20**

Faculties

**1168**

Doctoral students

**242**

Specialisations

**860**

Research projects worth over PLN 1.305 billion

**4**

Branches

**764**

Participants in postgraduate courses

**36**

Postgraduate courses

**772**

International students

**13567**

Newly enrolled students

**125**

Degree programmes

**241**

Science clubs

**32100**

Students in traditional and extramural programmes

**3006**

Academic staff

**4624**

Publications

**2282**

Administrative staff





# Universities participating in the Summer School

> Lesya Ukrainka Volyn National  
University

> Oles Honchar Dnipro National  
University

> Pavlo Tychyna Uman State  
Pedagogical University

# AGENDA

Summer School - Faculty of Psychology and Cognitive Science (FCPS AMU)

1	Title	<i>Psychology of Reasoning: Theory, Practice, and Applications</i>
2	Scientific Coordinator	Mariusz Urbański
3	Faculty Coordinator Contact Person	Maria Krych
4	Student / Ph.D. student tutor	Natalia Kawecka Julia Flejsierowicz
5	Location	Dębina Palace
6	Day of Arrival	12.05.2023
7	Day of Departure	19.05.2023
8	Lecturers:	Mariusz Urbański Monika Zielona-Jenek Anna Stoyatska Agnieszka Nowik Klaudia Zwawiak Linda Papitchenko
9	Foreign guests	-
10	List of Participants	20 students from Dnipro, 1 teacher 4 students from Łuck, 2 teachers 2 students from Human

Schedule:

Friday, 12.05.2023

Time	Activity	Coordinator	Notes
14:15-15:15	Lunch		
15:15-16:00	Free time		
16:00-16:30	Workshop	Mariusz Urbański	Welcome
16:30-19:00	Workshop	Monika Zielona-Jenek, Linda Papitchenko	Team building
19:00-20:00	Dinner		

Saturday, 13.05.2023

Time	Activity	Coordinator	Notes
8:00-9:00	Breakfast		
9:00-10:00	Transfer to Poznań	Natalia Kawecka Julia Flejsierowicz	

# AGENDA

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10:00-11:00	Faculty tour	Mariusz Urbański, Agnieszka Nowik	
11:00-18:00	Poznań Cognitive Science Forum	Natalia Kawecka Julia Flejsierowicz	Including lunch
18:00-21:00	Evening meeting of the PCSF	Natalia Kawecka Julia Flejsierowicz	Including dinner
21:00-22:00	Transfer to Dębina	Natalia Kawecka Julia Flejsierowicz	

## Sunday, 14.05.2023

Time	Activity	Coordinator	Notes
8:00-9:00	Breakfast		
9:00-10:00	Transfer to Poznań	Natalia Kawecka Julia Flejsierowicz	
10:00-14:15	Poznań Cognitive Science Forum	Poznań Cognitive Science Forum	
14:15-15:15	Lunch		
15:30-16:45	Action and Cognition Lab tour	Agnieszka Nowik Klaudia Zwawiak	Introduction to eye-tracking (ET)
17:00-18:45	Dinner		Makaron restaurant
19:00-20:00	A little musical surprise: singing together	Monika Zielona-Jenek	
20:30-21:30	Transfer to Dębina	Natalia Kawecka Julia Flejsierowicz	

## Monday, 15.05.2023

Time	Activity	Coordinator	Notes
8:00-9:00	Breakfast		
10:00-11:35	Workshop	Kostiantyn Mazur	AMU - general information
11:45-13:15	Lecture	Kostiantyn Mazur	Presentation of the EPICUR Consortium
13:30-15:00	Lecture/Workshop	Kostiantyn Mazur	Interdisciplinary on the own example
15:00-17:30	Free time		
17:30	Dinner		

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# AGENDA

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Tuesday, 16.05.2023

Time	Activity	Coordinator	Notes
8:00-9:00	Breakfast		
10:00-11:30	Lecture	Anna Stoyatska	Human intelligence: what is it and how to measure it?
11:45-13:15	Workshop	Anna Stoyatska	Let's have a look: Raven's Advanced Progressive Matrices
13:30-15:00	Lecture	Mariusz Urbański	Reasoning: what is it?
15:00-17:30	Free time		
17:30	Dinner		Ukrainian evening
20:00	Camp fire		

Wednesday, 17.05.2023

Time	Activity	Coordinator	Notes
8:00-9:00	Breakfast		
10:00-11:30	Workshop	Agnieszka Nowik, Klaudia Zwawiak	ET experiment preparation
11:45-13:15	Workshop	Agnieszka Nowik, Klaudia Zwawiak	ET experiment testing
13:30-15:00	Workshop	Agnieszka Nowik, Klaudia Zwawiak	ET experiment proper
15:00-17:30	Free time		
17:30	Dinner		

Thursday, 18.05.2023

Time	Activity	Coordinator	Notes
8:00-9:00	Breakfast		
10:00-11:30	Lecture	Agnieszka Nowik, Klaudia Zwawiak	ET data export
11:45-13:15	Workshop	Agnieszka Nowik, Klaudia Zwawiak	ET data analysis
13:30-15:00	Workshop	Mariusz Urbański	Errors in reasoning, errors in Raven's APM: what can we learn?
15:00-17:30	Free time		
17:30	Dinner		

Friday, 19.05.2023

Time	Activity	Coordinator	Notes
8:00-8:30	Breakfast/ Departure to Poznań		

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Friday, 19.05.2023

Time	Activity	Coordinator	Notes
8:00-8:30	Breakfast/ Departure to Poznań		

# AGENDA

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9:30-12:00	Visit at the Faculty	Monika Zielona-Jenek, Linda Papitchenko	Summarizing AMU experience
12:00-	Poznań sightseeing & some shopping	Kostiantyn Mazur	
Late afternoon	Departure from Poznań		

FCPS AMU team:

Julia Flejsierowicz – BA student of cognitive science, FCPS AMU

Natalia Kawecka – MA student of cognitive science, FCPS AMU

Kostiantyn Mazur – AMU International Centre

Agnieszka Nowik – researcher at Action and Cognition Lab, FCPS AMU

Linda Papitchenko – Ph.D. student, NPDU Kiev

Anna Stoyatska – assistant professor at Oles Honchar Dnipro National University, visiting researcher at FCPS AMU

Mariusz Urbański – associate professor, head of Reasoning Research Group at FCPS AMU, dean of FCPS AMU

Monika Zielona-Jenek – assistant professor, deputy dean for education of FCPS AMU

Klaudia Zwawiaak – Ph.D. student at Cardiff University, visiting researcher at FCPS AMU



# Subject coordinators

Prof.

## Mariusz Urbański

Dean of the Faculty of Psychology and Cognitive Science at AMU and head of the Reasoning Research Group. His research interests centre on philosophical logic (logic of questions, temporal logics), proof theory, theories of reasoning, formal analysis of cognitive processes, and teaching logic).



## Natalia Kawecka

Secretary in the Student Government Council of the Faculty of Psychology and Cognitive Science. A student majoring in Cognitive Science.

PhD

## Kostiantyn Mazur

A Specialist at the International Relations Centre, associated with AMU since 2017. Privately passionate in organising trips to Iceland, Ukraine, Kazakhstan and the Balkans. Enthusiast of landscape and travel photography.





# Subject coordinators

## Julia Flejsierowicz

A senior majoring in Cognitive Science in the second year.



PhD

## Agnieszka Nowik

NT specialist in the Department of Logic and Cognitive Science at the AMU Faculty of Psychology and Cognitive Science.

PhD

## Monika Zielona-Jenek

Vice Dean of the Faculty of Psychology and Cognitive Science and member of the Ethics Committee for Research Projects of the Faculty of Psychology and Cognitive Science. Her research interests include typical, atypical and disturbed courses of human psychosexual development, sexual violence: aetiology and consequences, diagnosis and intervention with people involved in situations of sexual violence.





# Subject coordinators

MA

**Linda Papitchenko**

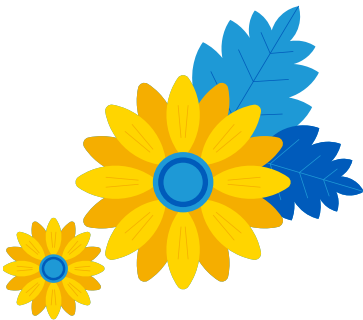
Ph.D. student, NPDU Kiev



Doktor

**Anna Stoyatska**

assistant professor at Oles Honchar Dnipro National University, visiting researcher at FCPS AMU



MA

**Klaudia Zwawiak**

Ph.D. student at Cardiff University, visiting researcher at FCPS AMU



# Raport

A summer school organised by **the Faculty of Psychology and Cognitive Science, 'Psychology of Reasoning: Theory, Practice, and Applications'** was held **from 12-19 May 2023**. The school, funded by The National Centre for Research and Development, was designed as **one of 30 week-long summer schools hosted by AMU**.

The core programme of the school included **lectures and exercises on how to test intelligence, competence in conducting various types of reasoning, and the accession of data on how test subjects solve tasks.**



Individuals participating in the school prepared and conducted **an eye-tracking experiment** using **Raven's matrix test boards in the standard version**. The classes were led, by **Dr Agnieszka Nowik, Dr Anna Stoyatska, Dr Maciej Raś, Prof. UAM Dr Mariusz Urbański, Klaudia Żwawiak**.



The school's programme was anchored by **workshops conducted by Linda Papitchenko and Dr Monika Zielona-Jenek**. Their objective was to **support group integration and involvement in learning in the summer school setting and at the end of the workshop, to summarise the experiences and their inclusion in the plans for further education at their home universities**.



In addition, **the group attended the Poznań Cognitive Science Forum held simultaneously at the faculty and an evening meeting of the Cognitive Science Students and Alumni Association.** They visited **the Adam Mickiewicz University Botanical Garden and Ostrów Tumski.** In addition, they participated in a **session filled with singing together with a group of female psychologists** who are friends of the faculty. **On 16 May, the participants hosted a Ukrainian evening in Dębina Palace.**

Cognitive science students **Julia Flejsierowicz** and **Natalia Kawecka** supervised the smooth running of the summer school's other activities. **Kostiantyn Mazur** from the International Relation Centre at the Adam Mickiewicz University provided overall organisational support.



First of all, I am very pleased that I attended the International Summer School in Psychology "Psychology of Reasoning - Theory, Practice and Applications" (May 12-20, 2023), which was held by Adam Mickiewicz University, Poznań.

The traditional venue was the palace in Dębinie Pałac w Dębinie.

I am fascinated by the speakers who opened their souls for us and put the rays of the sun into us.

During these eight days, I felt so much goodness, love, inspiration, trust, the beauty of nature, and interesting and useful information that I can use in my graduation work, our trips to the faculty are simply touching notes that simply cannot be conveyed in words, an excursion to the laboratory, as well as a quest through the old town of Poznań.

I really liked everything, if there is another opportunity I would definitely come.

Thanks to everyone who surrounded me all these wonderful days.

~ **Fedotova Lesia, Pavlo Tychyna Uman State Pedagogical University**





## The summer school "Psychology of Reasoning Theory, Practice, and Applications" was an unforgettable educational and intercultural experience, which will result in close cooperation between Ukrainian universities and Adam Mickiewicz University, Poznań.

