2026 Informatics Council

5 Nov 2026



Agenda

01 Annual report of the directors of the institute

A. Personnel
Lead: Filip Murlak

B. Teaching
Lead: Agata Janowska

C. Research
Lead: Oskar Skibski

02 Current matters

Personnel

Leaving us



Michał Pilipczuk

Alexander von Humboldt Professor

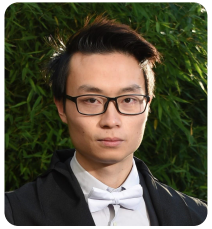
@ TU Darmstadt



Paweł Urzyczyn

Retiring

New faculty members



S. Eilenberg Asst. Prof.

Ruiwen Dong

RESEARCH
computer algebra

BACKGROUND
Oxford – Saarland U



S. Eilenberg Asst. Prof.

Dimitrios Kolonelos

RESEARCH
cryptography

BACKGROUND
IMDEA – UC Berkeley



Asst. Prof. Prog. Languages

Rafał Stefański

RESEARCH
automata
cryptography
verification

BACKGROUND
UW – UCL, IDEAS



Assistant Professor

Mahesh Sreekumar Rajasree

RESEARCH
cryptography

BACKGROUND
IIT Kanpur – CISPA



Assistant Professor

Artem Tsikiridis

RESEARCH
algorithmic economy

BACKGROUND
Athens – CWI, TUM



Assistant Professor

Tomasz Wąs

RESEARCH
algorithmic economy

BACKGROUND
UW – Oxford



Teaching Asst. Prof.

Mateusz Rapicki

RESEARCH
probability, AI

BACKGROUND
UW

Faculty performance bonus

APPLICATION PROCESS

How to Apply

Submit via **eva.mimuw.edu.pl**

Timeline: **Jan / Feb** (with the annual report)

EVALUATION

Awarding Criteria

Awarded by a **faculty committee**

Based on **publications** *(mind the CORE ranking!)*

BUDGET POOL

Monthly Allocation

81K / month total in 2026/27

Previously: 62K, 62K, 56K

ELIGIBILITY

Who Qualifies

Full-time employees only

Excluded: deans & directors

Institute performance bonus

EVALUATION CRITERIA

5 Key Pillars

Awarded by directors based on:

- **publications** – top papers (3 yrs)
- **grants** – ongoing, total value
- **leadership** – PhDs supervised (3 yrs)
- **teaching** – volume × quality
- **community** – committees & councils

RULES & ELIGIBILITY

Key Guidelines

- Only achievements **benefitting UW** count (except for new employees).
- Based strictly on **annual reports** *(you have been warned!)*.
- **Excluded:** Deans & directors.

BUDGET POOL

Monthly Total

93K

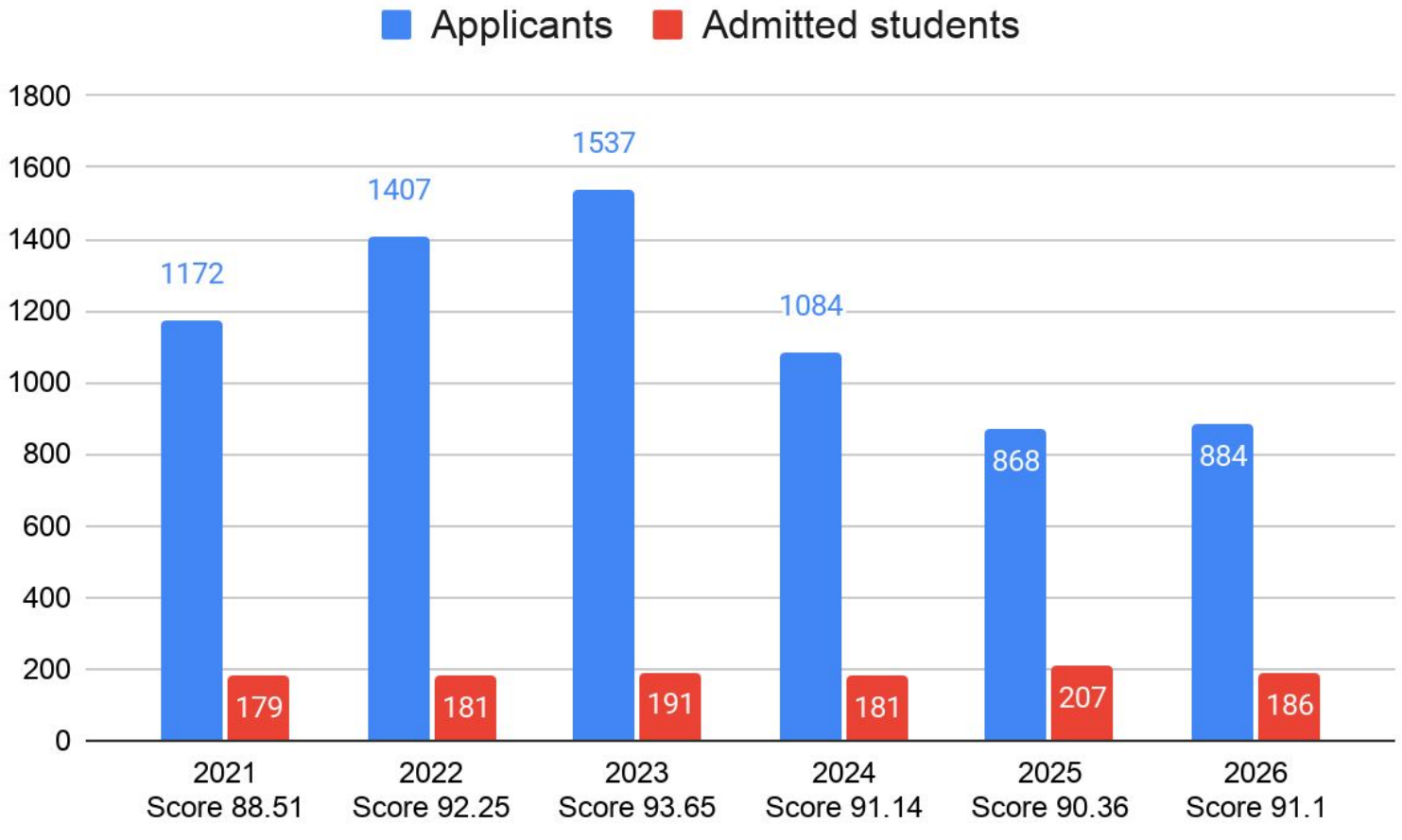
monthly total in 2026/27

Previously: 50K, 71K, 80K, 94K

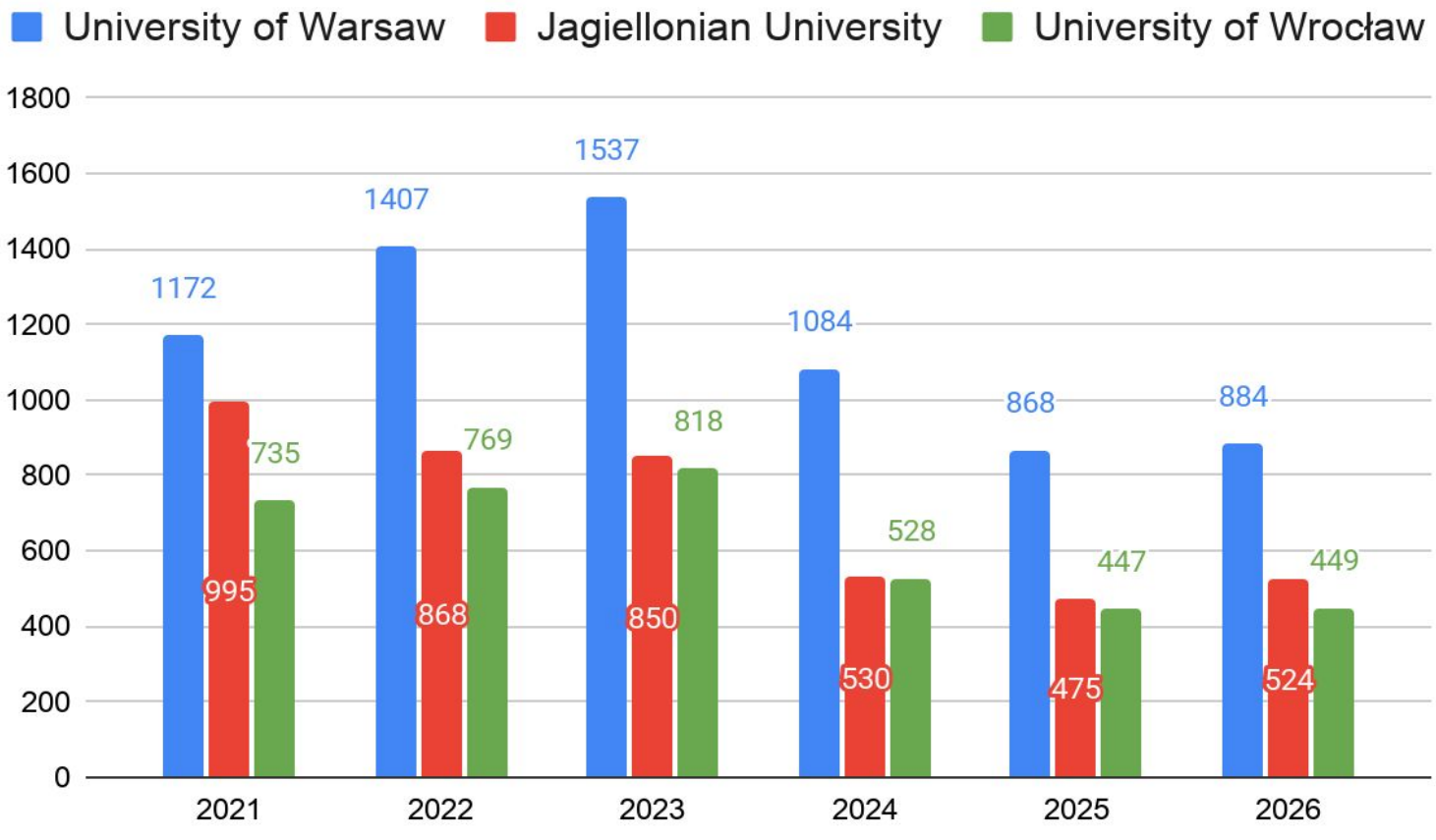
Our policy: faculty bonus + institute bonus ~ performance *(but institute bonus bounded)*

Teaching

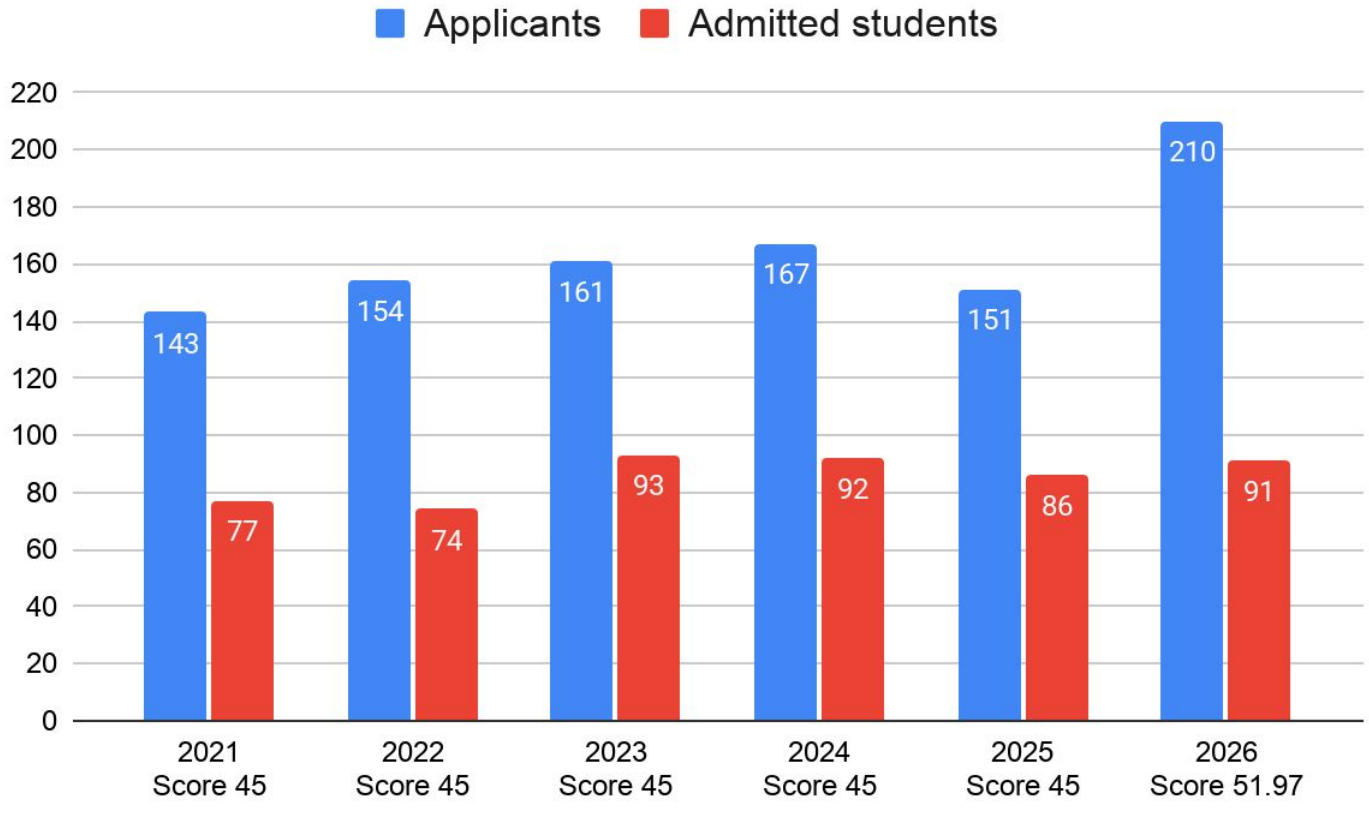
Informatics BSc applicants and admitted students



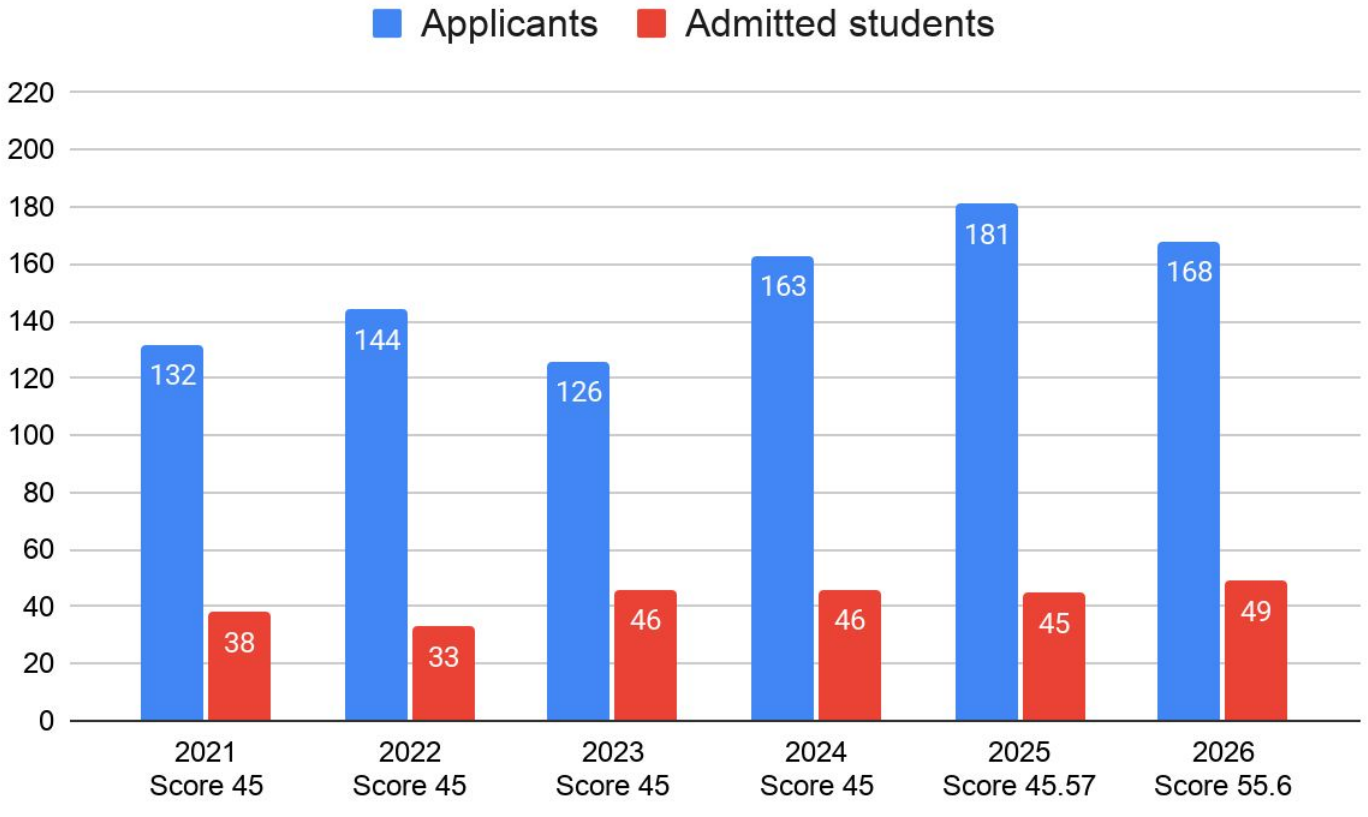
Informatics BSc applicants at UW, UJ, UWr



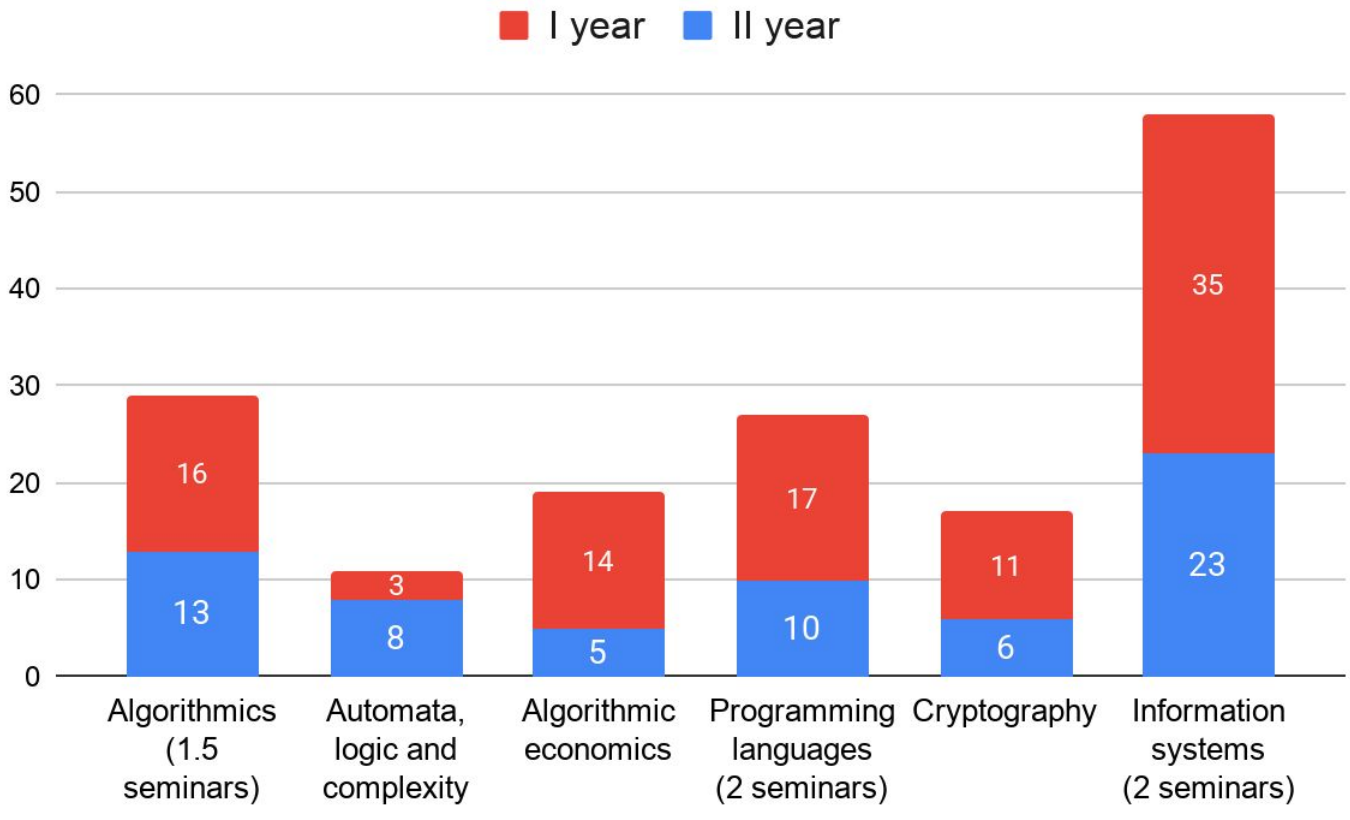
Informatics MSc applicants and admitted students



Machine Learning MSc applicants and admitted students

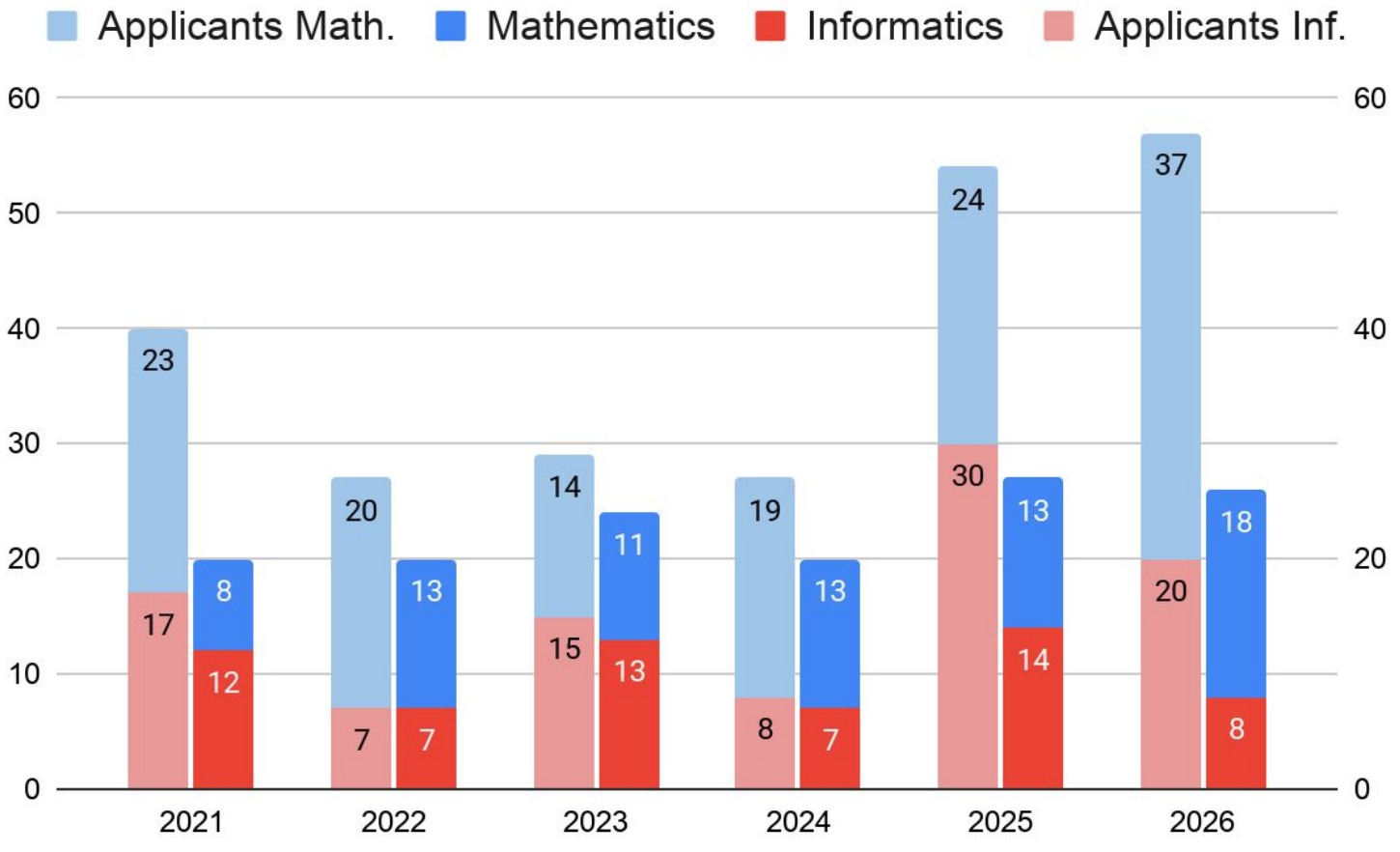


Informatic MSc specialisations

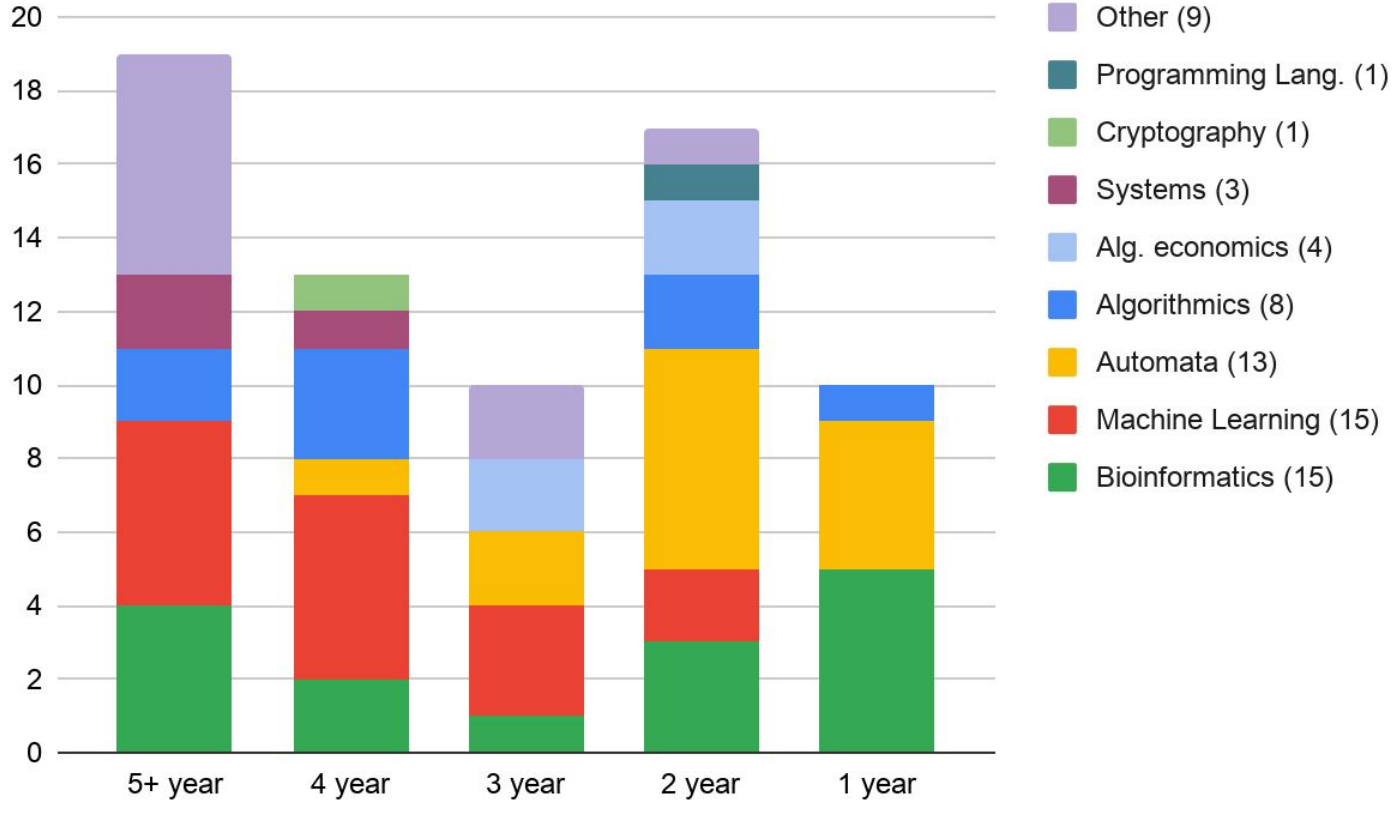


PhD Students

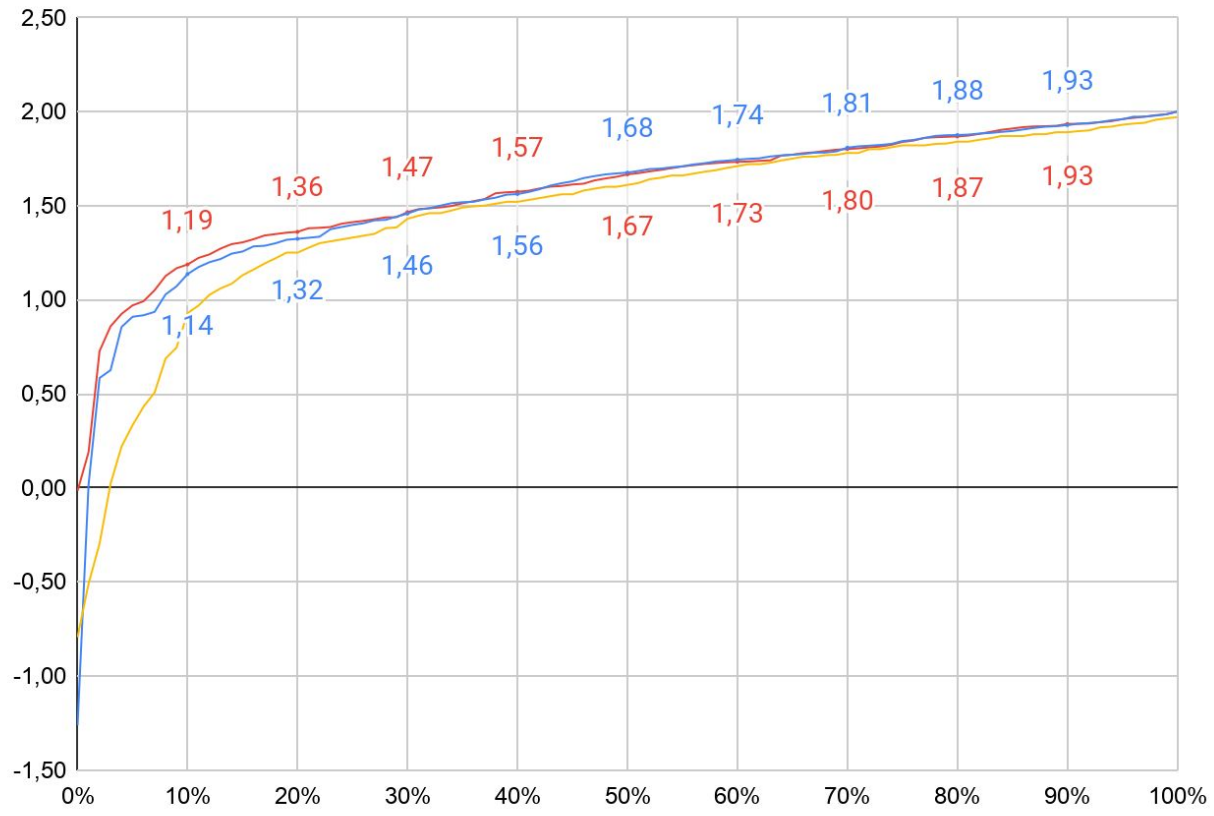
Recruitment to the Doctoral School of Exact and Natural Sciences



PhD Students by research area



Average course grades in student surveys



Surveys Summary

Courses with 5 responses

ACADEMIC YEAR

2025–26

177 answers collected

ACADEMIC YEAR

2024–25

227 answers collected

ACADEMIC YEAR

2023–24

261 answers collected

Courses for your consideration

At least 75% full-time staff required

Machine Learning courses

(1000-3* in USOS)

Limited staff involvement

Concurrent Programming

Computer Networks

Web Applications

Rust

Potential takeovers

Mathematical Analysis for CS

Geometry with Linear Algebra

PhD talent scouting

Early Research Project

PKA is coming

What should you expect?

- Class visits
- Meetings with staff and students
- Questions about teaching, assessment, and student support
- Possible review of student work and assessment materials
- A visit to teaching and research facilities

Course coordinators

Please check that your course descriptions in USOS are complete and up to date.

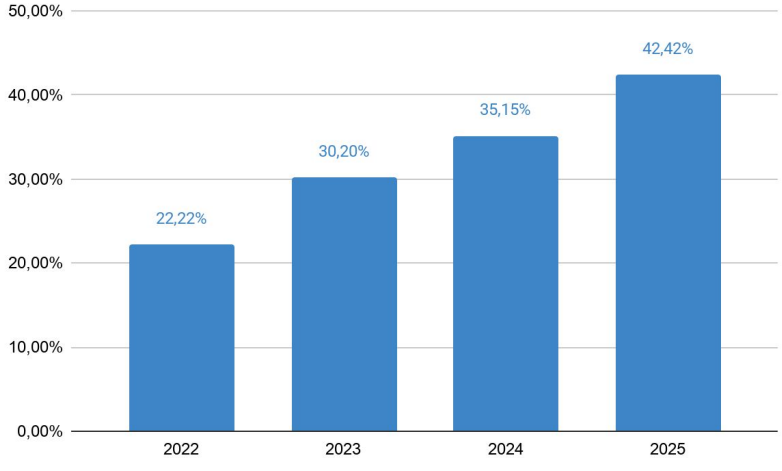
- Are the course assessment criteria clearly defined?
- Does the assessment adequately verify students' own knowledge and skills?

Research

Publications

	2022	2023	2024	2025
200	40	61	71	**70**
140	40	63	63	**47**
100	19	16	16	**17**
0-80	81	62	52	**31**
Σ	185	216	221	**156**

Percentage of 200 publications



Based on the current state of PBN.

Publications / 200 points journals / 2025

Bioinformatics

Accounts of Chemical Research
Bioinformatics
Cell Stem Cell
Developmental Cell
Genome Biology
Nature Communications
Nucleic Acids Research
SoftwareX

Computer Science

Applied Soft Computing (x2)
Artificial Intelligence (x2)
IEEE Internet of Things Journal
Information Fusion
Information Sciences
Journal of Archaeological Science
Journal of the ACM (x3)
SIAM Journal on Computing (x3)

Publications / A* conferences / 2025

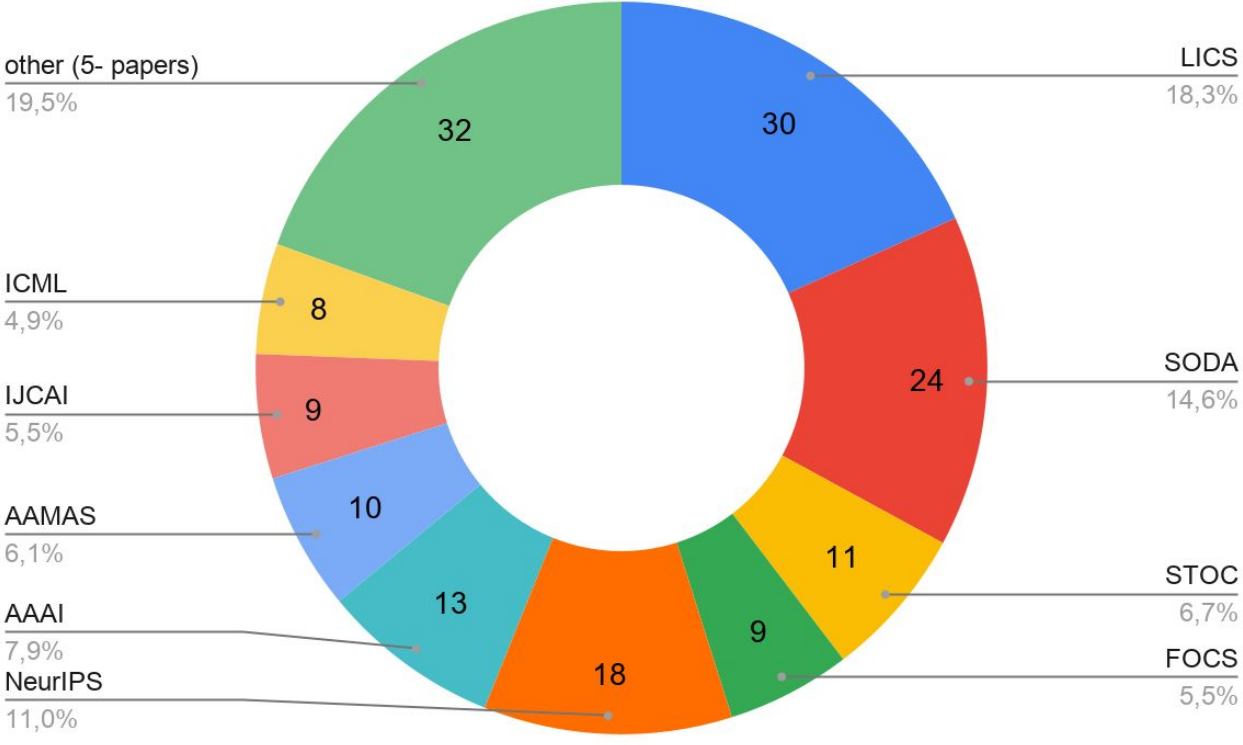
NeurIPS (x10) (Neural Information Processing)
AAAI (x6) (Artificial Intelligence)
ICML (x3) (Machine Learning)
AAMAS (x3) (Multiagent Systems)
IJCAI (x2) (Artificial Intelligence)

SODA (x7) (Discrete Algorithms)
LICS (x5) (Logic in CS)
STOC (x3) (Theory of Computing)
FOCS (x0) (Foundations of CS)

at these conferences we publish 80% of our A* conference papers

ACL (Linguistics)
CRYPTO (Cryptology)
ICLR (x2) (Learning Representations)
PODC (Distributed Computing)
CAV (Verification)
EC (Economics and Computation)
KR (Knowledge Representation)
WWW (Web Conference)

Publications / A* conferences / 2022-2025



CORE	'23	'26	#
ICALP	A	A*	26
SoCG	A	A*	2
AAMAS	A*	A	10

MFCS	A	B	11
ISAAC	A	B	8
CONCUR	A	B	7

New grants 2025/26 (9.10.2025–today)

		25/26	24/25	23/24
ERC	W. Czerwiński, Mi. Pilipczuk	**1**		2
EU	N. Dojer	**1**		1
Maestro				
Sonata Bis			2	2
Opus	T. Gogacz, P. Parys	**2**	4	4
Sonata	A. Ryzhikov	**1**		2
Preludium Bis				1
Preludium	M. Olko, S. Kaźmierowski, M. Stefaniak, A. Cicherski	**4**	1	1

Awards (09.10.2025–today)

D. Niwiński, P. Urzyczyn **ETAPS Test of Time**

W. Rytter **CPM Test of Time**

F. Murlak **SIGMOD Research Highlights 2026**

L. Clemente **LICS 2025 Distinguished Paper**

H. Baniecki, M. Naumann **Witold Lipski Award**

H. Baniecki **START FNP Scholarship**

M. Włodarczyk **MNiSW Scholarship for Young Outstanding Scientists**

A. Czarkowski **CPM Best Student Paper**

A. Stalke **SPIRE Best Student Paper**

H. Baniecki, P. Biecek **ICLR 2025 Spotlight**

E. Szczurek **Forbes 2026 Women to Watch**

P. Sankowski **Research Star (Gwiazdy Umiędzynarodowienia)**

O. Skibski ***Polityka* Research Award**

Evaluation



informatyka
(N = 297)

informatyka techniczna i telekomunikacja
(N = 1989)

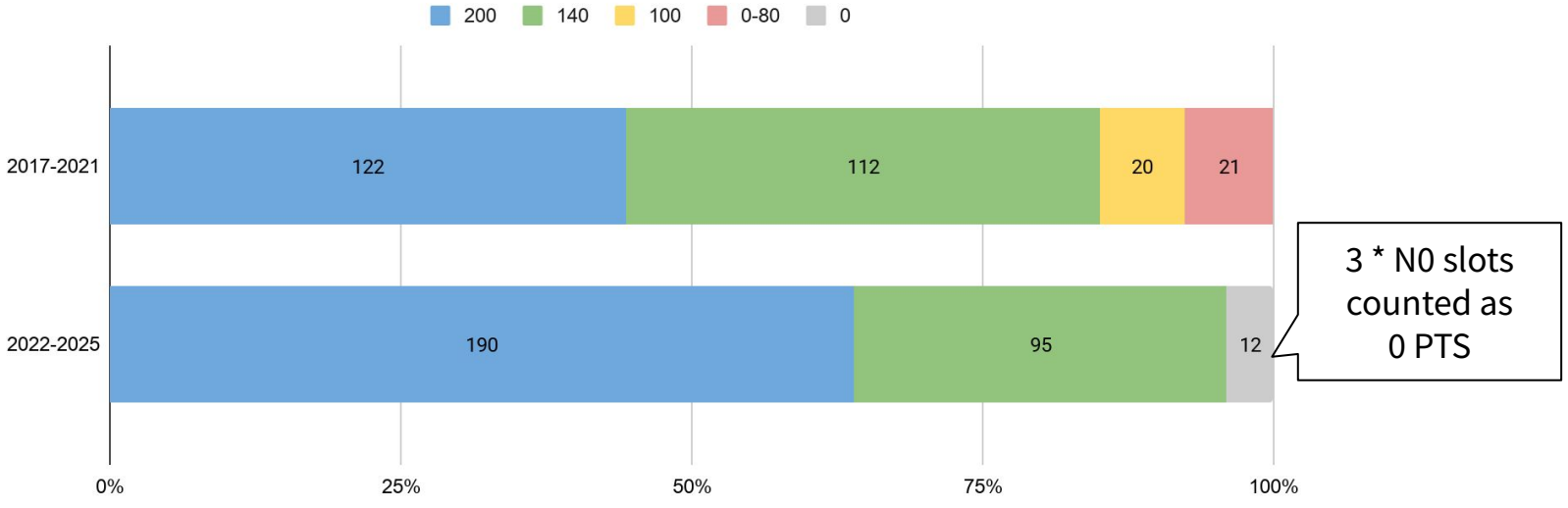
Evaluation



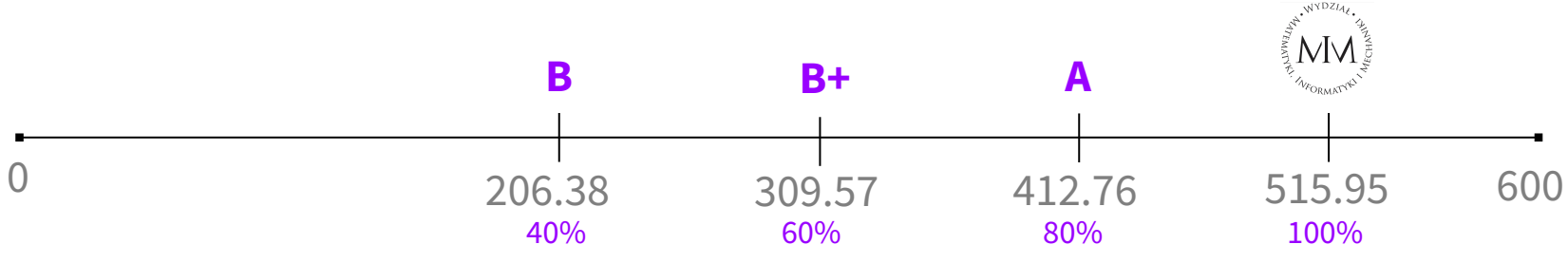
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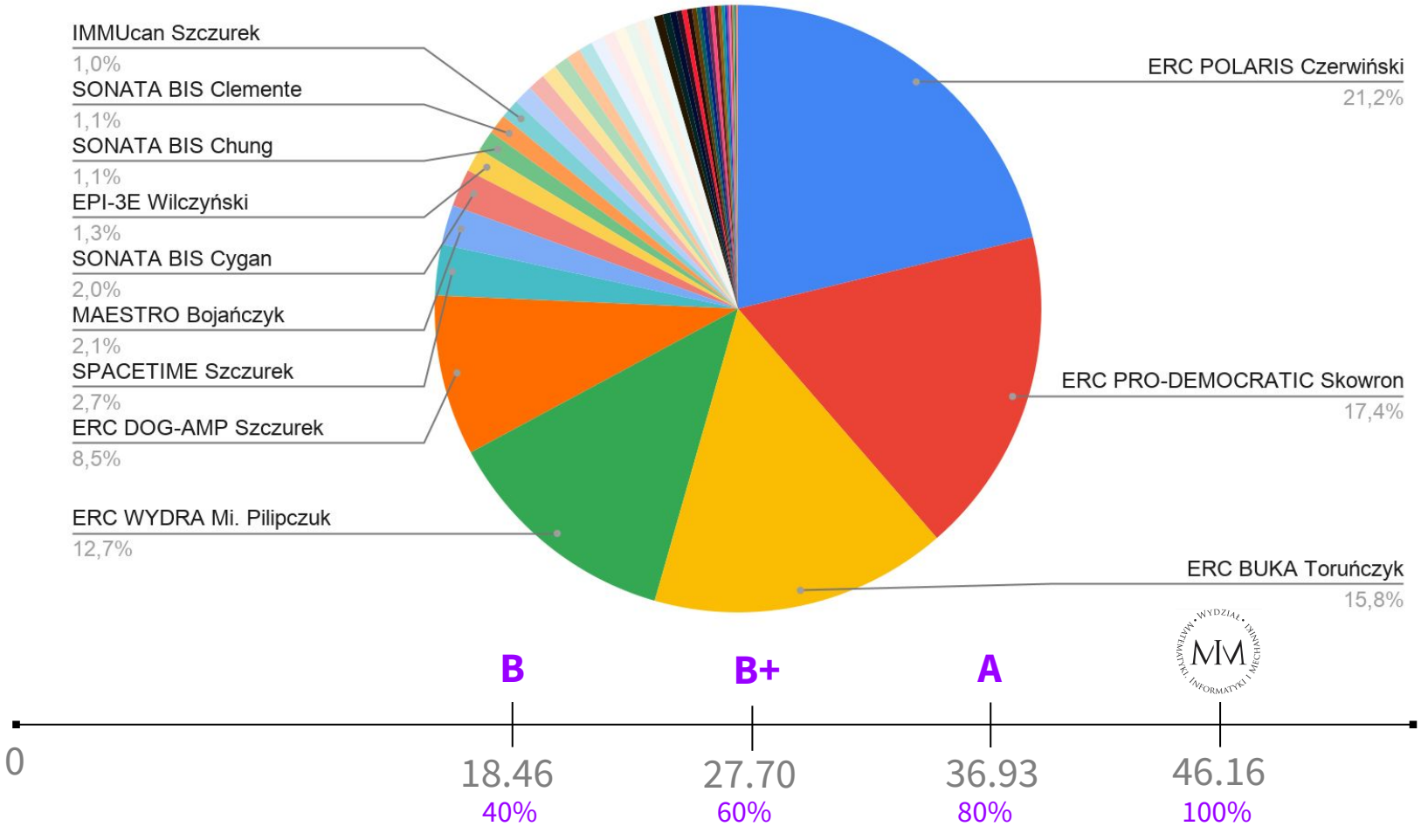
Evaluation – K1 (60%)



N = 99.11 total points from 3N publications divided by N



Evaluation – K2 (20%)



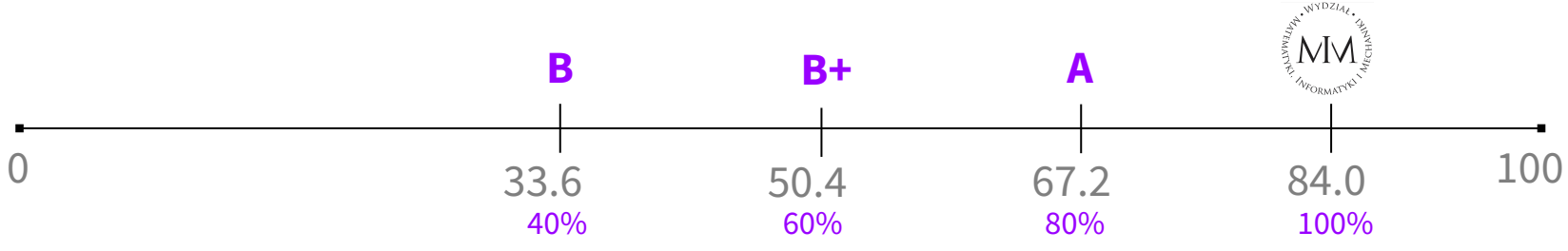
Evaluation – K3 (20%)

1. **Zmniejszenie wykluczenia dzięki nowej proporcjonalnej metodzie wyboru projektów w budżecie partycypacyjnym** [Skowron et al.] **90 PTS** (1st in Poland!)

(...) Nowa, innowacyjna metoda opracowana przez Piotra Skowrona (Uniwersytet Warszawski) i Dominika Petersa (Harvard, CNRS) zapewnia bardziej równomierny i proporcjonalny wybór projektów, unikając wad tradycyjnego podejścia. W latach 2022-2025 została ona wdrożona w kilku miastach w Polsce, a także w Szwajcarii i Holandii, przyczyniając się do ograniczenia zjawiska wykluczenia oraz zapobiegając dominacji dużych projektów i silnych grup interesu.

2. **Poprawa bezpieczeństwa w Polsce dzięki analizie sieci społecznościowych i sieciom neuronowym** [Michalak et al.] **78 PTS**

Aktywną linią badań na UW ostatnich kilkunastu lat jest analiza algorytmów sztucznej inteligencji pod kątem ich wykorzystania przez organy ścigania. (...) W oparciu o te badania powstały dwa systemy: aGraph oraz FenrirAI. (...) Systemy te wykorzystywane są zarówno przez biegłych sądowych, jak i służby i organy ścigania, przyczyniając się do poprawy bezpieczeństwa w kraju.



Evaluation – K3 (in math)

+ Algorytmy analizy danych medycznych wspierające diagnostykę i profilaktykę zdrowotną [Biecek et al.] **78 PTS**

W ramach współpracy Wydziału Matematyki, Informatyki i Mechaniki Uniwersytetu Warszawskiego z firmą LekSeek Polska sp. z o.o. sp.k. opracowano innowacyjne metody analizy danych medycznych oparte na metodach statystycznych i algorytmach sztucznej inteligencji. Zastosowanie modeli segmentacji pacjentów, analizy współwystępowania chorób oraz przetwarzania języka naturalnego (word2vec, GloVe) pozwoliło na stworzenie narzędzi wspierających diagnostykę i profilaktykę zdrowotną. Wyniki badań zaimplementowano w aplikacjach dla gabinetów lekarskich, umożliwiających automatyczną ocenę norm klinicznych i analizę przebiegów wizyt. Projekt przyczynił się do rozwoju kompetencji w zakresie medycznej analityki danych w Polsce i zwiększenia jakości decyzji klinicznych poprzez lepsze wykorzystanie informacji o pacjentach.

Evaluation – A+ assessment

“(...) University of Warsaw obtained **4 ERC grants** in computer science. During this period, (...) only 14 [institutions] obtained 4 such grants or more.”

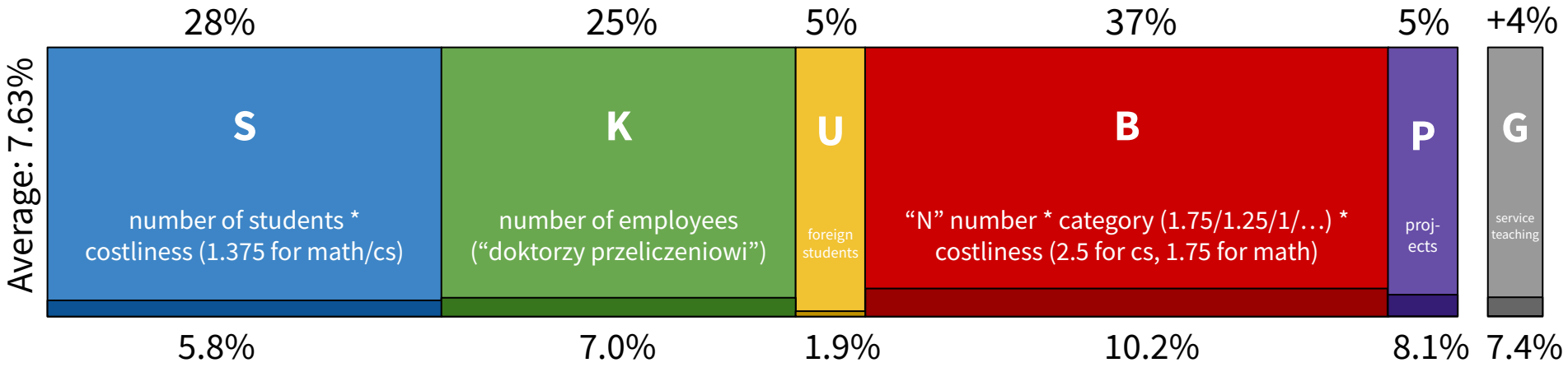
“As [**Journal of the ACM**] publishes just over 40 papers a year, publishing 5 papers there over a few years is a spectacular achievement.”

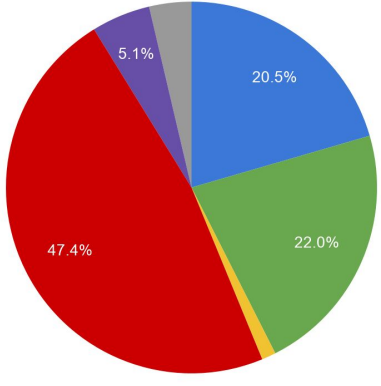
“One spectacular achievement here is a paper in **Cell**, one of the best known journals in life sciences, often mentioned on par with Nature and Science.”

“Depending on various criteria that one might apply, computer science at the University of Warsaw comes out somewhere **between the very top** (if restricted to its algorithms, complexity, and logic/automata groups) **and about top-50 in the world** (when focused on all its main areas of expertise).

Finances

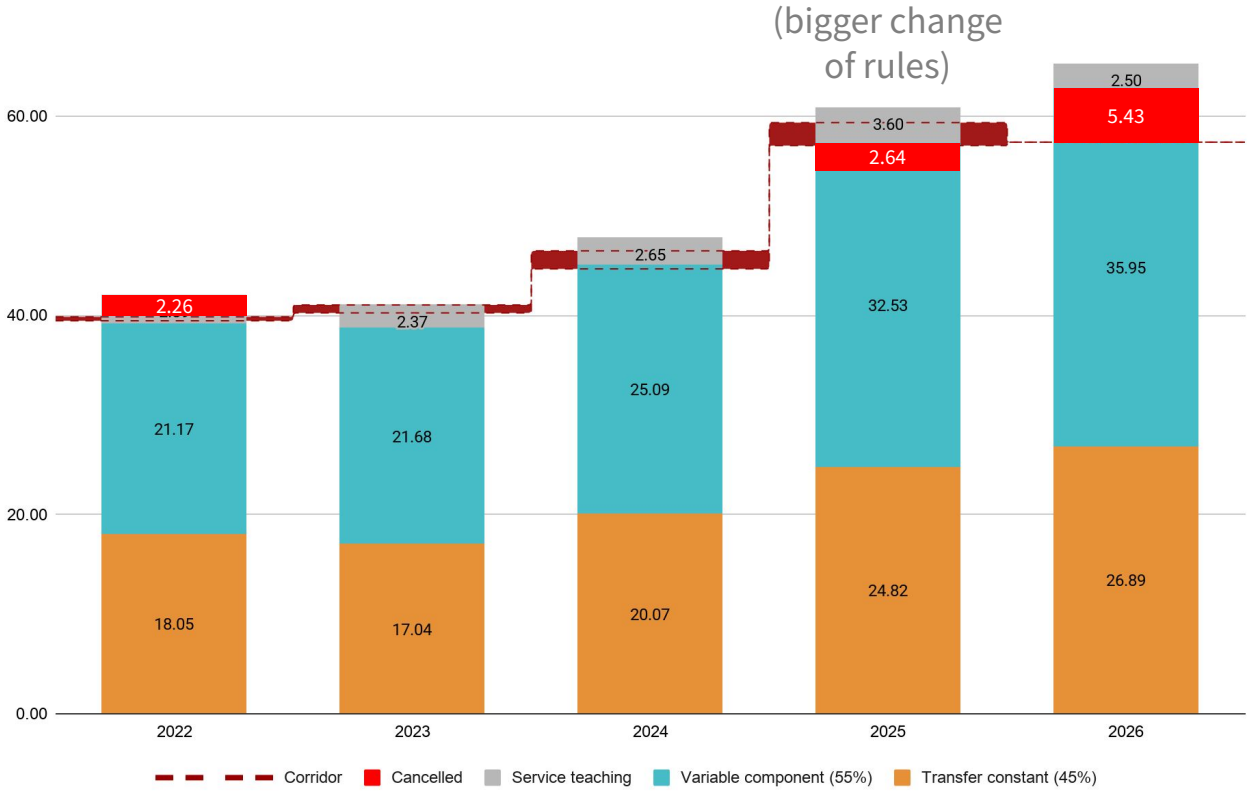
UW subsidy for MIM







UW subsidy for MIM

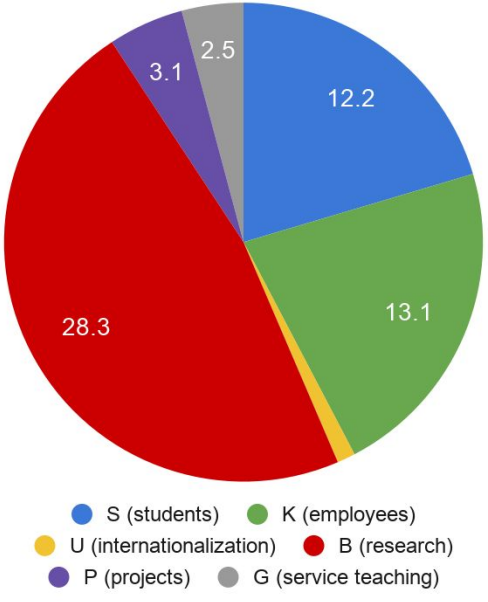


Transfer constant 45%

Corridor – the change cannot be too large

- 2022-2023: subsidy with service teaching was bounded
- 2024+: subsidy without service teaching is bounded

UW subsidy for MIM



Subsidy in 2026: 59.9 mln

S: 12.2 mln/1353 students = ~9k/student
K: 13.1 mln/275 employees = ~45k/person
B: 28.3 mln/222 employees (bd+b) = ~125k/person

What is important for the subsidy per employee?

Student-staff ratio: 8.57 for IInf, 7.31 for MIM
(excluding research employees and, for MIM, 41 employees for 8667h of service teaching)

One postdoc in ERC: +170k for MIM, 0k for salary
30% of IInf positions are grant-funded

Current Matters