

FOUNDATIONS2025

The 22nd European Conference on Foundations of Physics
June 30th – July 2nd, 2025, Gdańsk, Poland

PROGRAMME

Monday, June 30

Venue: Faculty of Mathematics, Physics and Informatics, University of Gdańsk, Wita Stwosza Street, 57, Gdańsk, Poland

08:30 –	Registration & networking		
09:30 – 09:45	Welcome Speeches – room C		
Session Transition Time – 10 min			
Session I	Session I A – room A	Session I B – room B	Session I C – room C
	Topic: History and philosophy of QM	Topic: Definition of SpaceTime	Topic: Causal Models
09:55 – 10:20	Guido Bacciagaluppi	Samuel Fletcher	Christopher Weaver
10:20 – 10:45	Noemi Bolzonetti	Antonio Ferreira	Charles Sebens
10:45 – 11:10	Simon Friederich	Jonathan Fay	James Read
11:10 – 11:35	Marcoen Cabbolet	Marta Pedroni	Nick Ormrod
Coffee break – 40 min			
Session II	Session II A – room A	Session II B – room B	Session II C – room C
	Topic: Philosophical Frontiers of QM	Topic: Thermodynamics	Topic: Foundations of Quantum Structure
12:15 – 12:40	Marek Kuś	Karol Horodecki	Sebastian Horvat
12:40 – 13:05	Johannes Fankhauser	Christine Aidala	Nicolás Medina Sánchez
13:05 – 13:30	Thijs Latten	Paweł Mazurek	Ryshard-Pavel Kostecki
Lunch break (not provided by the organisers) – 135 min		(14:20-15:20 Philosophy of Physics Society Annual General Meeting - room D)	
Session III	Session III A – room A	Session III B – room B	Session III C – room C
	Topic: Wigner Friend	Topic: Black Holes	Topic: Quantum Correlations and Non-Classicality
15:45– 16:10	Marcin Markiewicz	Sebastian De Haro	Lev Vaidman
16:10 – 16:35	Tom Rivlin	Källan Berglund	Joanna Luc
16:35 – 17:00	Yilè Yīng	Dominic Ryder	Alexandre Orthey
17:00 – 17:25	Lorenzo Catani	Quentin Vigneron	Yanis Pianko
17:25 – 17:50			Albert Rico
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18:00	Banquet		
	Venue: Faculty of Biology, University of Gdańsk, Wita Stwosza Street, 59, Gdańsk, Poland		



ORGANISERS and PARTNERS

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Tuesday, July 1

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Session IV	Session IV A – room A	Session IV B – room B	Session IV C – room C
	Topic: „Rethinking” of QM	Topic: Gravity and Entanglement	Topic: Contextuality and Measurement
09:30 – 09:55	Marek Czachor	David Trillo	Matthew Leifer
09:55 – 10:20	Joppe Widstam	Amrapali Sen	Jonte Hance
10:20 – 10:45	Jer Steeger	Debarshi Das	Caroline Jones
10:45 – 11:10		Jorge Alberto Manero Orozco	Mritunjay Tyagi
Coffee break – 40 min			
Session V	Session V A – room A	Session V B – room B	Session V C – room C
	Topic: Fundamental aspects of QM	Topic: Thermal and Statistical Physics	Topic: „Rethinking” of QT
11:50 – 12:15	Moein Naseri	Bryan Roberts	Toru Ohira
12:15 – 12:40	Som Kanjilal	Pascal Rodríguez-Warnier	Alexei Grinbaum
12:40 – 13:05	Jan Dziewior		Marco Erba
13:05 – 13:15	Conference photo		
Lunch break (not provided by the organisers) – 135 min		(13:20-15:20 Panel Discussion: Quantum Gravity and the Philosophical Foundations of Physics (PP/ISQG Joint Session) – room D)	
Session VI	Session VI A – room A	Session VI B – room B	Session VI C – room C
	Topic: Quantum Technology	Topic: Problems in QFT	Topic: Mathematical Physics
15:30 – 15:55	Francisca Vasconcelos	Guilherme Franzmann	Enrico Maresca
15:55 – 16:20	Karthik Hosapete Seshadri	Silvester Borsboom	Michał Banacki
16:20 – 16:45	Giorgos Eftaxias	Alexander Niederklapfer	Manuel Mekonnen
Coffee break – 15 min			
17:00 – 19:00	Poster session		



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Wednesday, July 2

Venue: Faculty of Mathematics, Physics and Informatics, University of Gdańsk, Wita Stwosza Street, 57, Gdańsk, Poland

Session VII	Session VII A – room A	Session VII B – room B	Session VII C – room C
	Topic: Nonclassicality and Measurement	Topic: Measurement prob	Topic: Interpretation QM
09:30 – 09:55	Lorenzo Braccini	Jan-Åke Larsson	Alyssa Ney
09:55 – 10:20	Peter Evans	Evan Gale	Stefano Furlan
10:20 – 10:45	Carlo Cepollaro	Antoine Soulas	Philipp Berghofer
10:45 – 11:10	Shashaank Khanna	Lucy Mason	
Coffee break – 40 min			
Session VIII	Session VIII A – room A	Session VIII B – room B	Session VIII C – room C
	Topic: SpaceTime	Topic: High energy	Topic: „Rethinking” Quantum Foundations 1
11:50 – 12:15	Antoine Tilloy	Nick Huggett	John Selby
12:15 – 12:40	Nicetu Tibau Vidal	Ohkyung Kwon	Hippolyte Dourdent
12:40 – 13:05	Niels Martens	Ward Struyve	Davide Rolino
13:05 – 13:30	Sanne Vergouwen	Henrique Gomes	Ladina Hausmann
Lunch break (not provided by the organisers) – 120 min			
Session IX	Session IX A – room A	Session IX B – room B	Session IX C – room C
	Topic: Gravity	Topic: CM/QM	Topic: „Rethinking” Quantum Foundations 2
15:30 – 15:55	James Weatherall	David Schmid	Alessandro Bisio
15:55 – 16:20	Eleanor March	Matthias Salzger	Márton Gömöri
16:20 – 16:45		Ved Kunte	Sina Soltani
16:45 – 17:00	Closing remarks		