

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 – 09:50	Welcome Speeches		
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 in QTF
10:00 – 10:25	Guido Bacciagaluppi	Samuel Fletcher	Christopher Weaver
10:25 – 10:50	Noemi Bolzonetti	Antonio Ferreira	Charles Sebens
10:50 – 11:15	Simon Friederich	Jonathan Fay	James Read
11:15 – 11:40	Marcoen Cabbolet	Marta Pedroni	Alexander Niederklapfer
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
12:20 – 12:45	Marek Kuś	Karol Horodecki	Sebastian Horvat
12:45 – 13:10	Johannes Fankhauser	Christine Aidala	Nicolás Medina Sánchez
13:10 – 13:35	Thijs Latten	Borhan Ahmadi	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: QFT: Beyond Local Realism
15:50 – 16:15	Marcin Markiewicz	Sebastian De Haro	Lev Vaidman
16:15 – 16:40	Tom Rivlin	Källan Berglund	Joanna Luc
16:40 – 17:05	Yilè Yīng	Dominic Ryder	Alexandre Orthey
17:05 – 17:30	Lorenzo Catani	Quentin Vergouwen	Yanis Pianko
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18:00	Banquet		
	Venue: University of Gdańsk Library, Wita Stwosza Street, 57, Gdańsk, Poland		

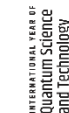
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Tuesday, July 1

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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	Jack Johnson	Amrapali Sen	Jonte Hance
10:20 – 10:45	Joppe Widstam	Debarshi Das	Caroline Jones
10:45 – 11:10	Jer Steeger	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	Nanxin Wei	Alexei Grinbaum
12:40 – 13:05	Jan Dziewior	Pascal Rodríguez-Warnier	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: Gauge 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	Albert Rico	Guy Hetzroni	Manuel Mekonnen
16:45 – 17:10	Giorgos Eftaxias	Jordan Grujic	Shashaank Khanna
Coffee break – 20 min			
17:30 – 19:00	Poster session		



ORGANISERS and PARTNERS

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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: Contextuality	Topic: Measurment prob	Topic: Interpretation QM
09:30 – 09:55	Flavio Del Santo	Jan-Åke Larsson	Alyssa Ney
09:55 – 10:20	Lorenzo Braccini	Evan Gale	Stefano Furlan
10:20 – 10:45	Peter Evans	Antoine Soulas	Philipp Berghofer
10:45 – 11:10	Carlo Cepollaro	Lucy Mason	Michael Huber
Coffee break – 40 min			
Session VIII	Session VIII A – room A	Session VIII B – room B	Session VIII C – room C
	Topic: Gravity	Topic: High energy	Topic: „Rethinking” Quantum Foundations 1
11:50 – 12:15	Erik Curiel	Nick Huggett	John Selby
12:15 – 12:40	Nicola Bamonti	Ohkyung Kwon	Hippolyte Dourdent
12:40 – 13:05	Eleanor March	Ward Struyve	Davide Rolino
13:05 – 13:30	James Weatherall	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: SpaceTime	Topic: CM/QM	Topic: „Rethinking” Quantum Foundations 2
15:30 – 15:55	Antoine Tilloy	David Schmid	Alessandro Bisio
15:55 – 16:20	Nicetu Tibau Vidal	Matthias Salzger	Márton Gömöri
16:20 – 16:45	Niels Martens	Kuntal Sengupta	Nick Ormrod
16:45 – 17:10	Sanne Vergouwen	Ved Kunte	Sina Soltani
17:10 – 17:30	Closing remarks		