

## QPequi Talks: list of speakers

### First Season (2021/2)

	Speaker	Date	Time	Description
1	Lukasz Rudnicki (ICTQT, Gdańsk)	3rd of September	9am	Superresolution in metrology
2	Nicolás Gigena (Uni of Warsaw)	14th 21st of September	10am	Multipartite entanglement measures
3	Fernando Parisio (UFPE)	28th of September	10am	Scalable measures of q. resources
4	Vasilis Kiosses	12th of October	10am	Non-relativistic quantum gravity
5	Fabrizio Toscano (UFRJ)	26th of October	10am	arXiv:2108.00087
6	Davide Poderini (Sapienza Università di Roma)	11th of November	10 am	Quantum causal influences
7	Xi Chen (Universidad del Pais Basco)	7th of Dec		Shortcuts to Adiabaticity
8	Kaumudibikash Goswami (UQ, Australia)	14th December	8am	Non-Markov processes

### Second Season (2022/1)

	Speaker	Date	Time	Description
1	Lea Santos (Yeshiva University)	February 10th	10am	Equilibration time in many-body quantum systems
2	André Landulfo (UFABC)	March 3rd	10am	Energy cost in relativistic communication
3	Tiago Mendes Santos (Max Planck)	March 17th	10am	Machine Learning and Quantum phase transitions
4	Thiago Oliveira (UFF)	March 31th	10am	Quantum heat engines
5	Steve Campbell (UCD)	April 12th	10am	Quantum speed limits
6	Philipp Strasberg (Barcelona)	April 26th	2pm	Basics of Nonequilibrium Statistical Mechanics
7	Daniel Valente (UFMT)	May 12th	10am	Quantum dissipative adaptation
8	Janet Anders (Univ. of Exeter)	May 24th	10am	Spin-boson equilibrium states at arbitrary coupling
9	Nadja Kolb (UFPE)	June 2nd	10am	Cancelled

### Special Third Season (2022/2) - Last update: October 12th, 2022

	Speaker	Date	Time	Description
1	Nicole Y. Halpern (NIST, QuICS, UMD)	August 9th	2pm	Complexity in quantum computation
2	Nadja Kolb (UFPE)	August 23th	10am	Harmonic oscillator kicked by spin measurements
3	Vivian V. França (UNESP)	September 6th	9am	Linear entropy and quantum phase transition
4	Liliana Sanz (UFU)	September 22th	10am	Maximally entangled states in quantum dots
5	Ana Cristina Sprotte (UFPR)	October 21th	10am	Quantum steering detection with random m.
6	Ángela Capel (Universität Tübingen)	November 10th	10am	Rapid thermalization of spin chain hamiltonians
7	Silvia Pappalardi (É. Normale Supérieure)	November 17th	10am	Confirmed
8	Natália Möller (Slovak Acad. of Science)	November 28th	10am	Indefinite causal order

### Fourth Season (2023/1)

	Speaker	Date	Time	Description
1	George Matsas (IFT)	March 23th	10am	Observability of the Unruh effect
2	Andrzej Dragan (University of Warsaw)	April 6th	10am	Quantum time dilation
3	Flaminia Giacomini (ETH Zürich)	April 25th	10am	Quantum reference frames
4	Nelson Yokomizo (UFMG)	May 5th	10am	Quantum switch
5	Ana Maria Rey (University of Colorado)	May 19th	2pm	Optical lattice clocks
6	Giuseppe Gaetano Luciano (Lleida)	June 1st	10pm	Particle mixing
7	Taysa Mendes de Mendonça (USP)	June 15th	10pm	Fluxo de informação

**Edição Especial Mulheres na Ciência:** Lidia del Rio, Ivette Fuentes, Bárbara Amaral, Ana Martín Fernandez (ana.martinf@ehu.eus), Ana Belen Sainz, Susana Huelga, Alexia Auffèves, Krissia Zawadski, Nana Liu, Liliana Sanz, Gabriela Barreto Lemos, Irene D'Amico, Chiara Marletto, Samurá Brito, Sabrina Maniscalco, Barbara Terhal, Stephanie Wehner, Anna Sanpera, Nelly H.Y. Ng (Singapura).

**Suggested speakers:** Gemma de Las Cuevas (Insbruk), Marcelo Terra Cunha (UNICAMP), Marcelo França (UFRJ), Gabriel Landi (USP), Stephen Walborn (UdC), Mauro Paternostro (Irlanda), Paulo Henrique Souto Ribeiro (UFSC), Jacques Pienaar (University of Massachusetts); Diego Paiva Pires (UFMA), Sérgio Muniz (USP, São Carlos), Gustavo Lima (Universidad de Concepción, Chile), Magdalena Zych (University of Queensland), Valdir B. Bezerra (UEPB)

**Some other names:** Jens Eisert, Francesco Buscemi, Johann Vaccaro, Mark Wilde, Gabriel Aguilar, Leandro Aolita, Rafael Chaves, Daniel Cavalcanti, John Goold, William Unruh, Caslav Brukner, Masahito Ueda, Raam Uzdin, Daniel Terno, Kavan Modi, Felix Binder, Felix Pollock, Carlo Rovelli, John Baez, Adolfo del Campo, Norman Margolous, Markus Heyl, Raphael C. Drumond (UFMG), Thiago Werlang (UFMT), Ricardo Puebla.

**\*Bold: Invited speakers**