

PROGRAM

Sunday, 31 July 2022

17:00 – 21:00 Registration and welcome refreshment

Location: Pyramida Hotel - lobby

Monday, 1 August 2022

07:50 – 08:20

Opening address

Location: Pyramida Hotel Lecture Hall A

08:20 – 09:50

1 session: Nonequilibrium physics and thermodynamics

Location: Pyramida Hotel Lecture Hall A

08:20 – 08:50

Maciej Andrzej Lewenstein:

To thermalize or not to thermalize, that is the question

08:50 – 09:20

Jianshu Cao:

Symmetry in non-equilibrium quantum processes

09:20 – 09:50

Stefan Nimmrichter:

Quantum advantage in the charging of batteries by repeated interactions

09:50 – 10:10

Coffee break

10:10 – 12:10

2 session: General physics, gravitation

Location: Pyramida Hotel Lecture Hall A

10:10 – 10:40

Dirk Bouwmeester:

Conformal cyclic cosmology signatures and anomalies of the CMB sky

10:40 – 11:10

Petr Hořava:

Non-equilibrium string theory and the Schwinger-Keldysh time contour

11:10 – 11:40

Hartmut Abele:

Gravity resonance spectroscopy, and a search for Lorentz violation, beyond-Riemann and entropic gravity

11:40 – 12:10

Ron Folman:

Realization of a complete Stern-Gerlach interferometer: Towards a test of quantum gravity

12:10 – 13:00

Lunch

13:00 – 15:10

3 session - A parallel: Quantum thermodynamics

Location: Pyramida Hotel Lecture Hall A

13:00 – 13:30

Vlatko Vedral:

Quantum cooling activated by coherently-controlled thermalisation

13:30 – 14:00

Andreas Wacker:

Non-resonant transitions: Insights from quantum-thermodynamics

14:00	–	14:30	Konstantin Dorfman:	<i>Quantum heat engine perspective on controlling optical measurements with quantum light</i>
14:30	–	14:50	Saar Rahav:	<i>Singular optimal solutions of stochastic pumps</i>
14:50	–	15:10	David Edward Bruschi:	<i>Quantum thermodynamics of localized relativistic quantum systems</i>
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13:00	–	15:10	3 session - B parallel: Quantum transport	
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<i>Location: Pyramida Hotel Lecture Hall B</i>				
13:00	–	13:30	Jürgen Thomas Stockburger:	<i>The different guises of hierarchical equations of motion</i>
13:30	–	14:00	Michael Thoss:	<i>Simulation of quantum transport using the hierarchical equations of motion method</i>
14:00	–	14:30	Doron Cohen:	<i>Breakdown of adiabaticity in the quasi-static limit</i>
14:30	–	14:50	Andre Erpenbeck:	<i>Steady state formulation of inchworm Quantum Monte Carlo</i>
14:50	–	15:10	Michael Knap:	<i>Probing finite-temperature observables in quantum simulators with short-time dynamics</i>
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13:00	–	15:10	3 session - C parallel: Spin dynamics	
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<i>Location: Pyramida Hotel Lecture Hall C</i>				
13:00	–	13:30	Gergely Zaránd:	<i>Dynamics of negative temperature hadron formation in repulsive $SU(n)$ Hubbard models</i>
13:30	–	14:00	Peter Schmitteckert:	<i>Automated generation of spin-bath Hamiltonians for a wide range of interacting systems</i>
14:00	–	14:30	Thore Posske:	<i>The power of the boundary: Creating quantum spin helices, quantum skyrmions, and measuring one-dimensional topological superconductivity without relying on Majorana modes</i>
14:30	–	14:50	Aires Ferreira:	<i>Emergent spin-orbit phenomena in designer 2D van der Waals materials</i>

14:50	–	15:10	Claudio Verdozzi:	<i>Microscopic theory of ultrafast optical skyrmion excitation in magnetic thin films</i>
15:10	–	15:30	Coffee break	
15:30	–	18:00	4 session: Foundations of quantum physics	
			<i>Location: Pyramida Hotel Lecture Hall A</i>	
15:30	–	16:00	Ana María Cetto:	<i>The quantization of radiation: role of the vacuum field</i>
16:00	–	16:30	Wolfgang Schleich:	<i>The Riemann zeta function and quantum mechanics</i>
16:30	–	17:00	Yuval Gefen:	<i>Passive vs. active quantum steering</i>
17:00	–	17:30	Juan Ramón Muñoz de Nova:	<i>Quantum information with top quarks at the LHC</i>
17:30	–	18:00	Gregor Weihs:	<i>Multiparticle Quantum Interferometry</i>
18:00	–	19:00	Free time and transfer to Wallenstein Palace	
19:00	–	22:00	Welcome party	
			<i>Location: Wallenstein Palace and its Garden</i>	
19:00	–	19:30	Opening	
19:30	–	22:00	Welcome party in the Wallenstein Palace Garden	

Tuesday, 2 August 2022

07:50	–	09:50	1 session: Physics of superfluids
<i>Location: Pyramida Hotel Cinema Hall</i>			
07:50	–	08:20	Vanderlei Salvador Bag-nato: <i>Production and characterization of a far from equilibrium BEC: turbulence and universality</i>
08:20	–	08:50	Fernando Sols: <i>Superfluidity from correlations in driven boson systems</i>
08:50	–	09:20	Nir Navon: <i>Ultracold Fermi gases in a box</i>
09:20	–	09:50	Frédéric Chevy: <i>Fermi gases in quantum wires</i>
09:50	–	10:10	Coffee break
10:10	–	12:10	2 session: Thermodynamics, molecular machines
<i>Location: Pyramida Hotel Cinema Hall</i>			
10:10	–	10:40	Andrew N. Jordan: <i>Quantum engines based on entanglement and continuous measurement</i>
10:40	–	11:10	Jens Eisert: <i>Quantum field thermal machines</i>
11:10	–	11:40	Jennifer Koch: <i>Many-body effects in quantum engines</i>
11:40	–	12:10	Liliana Arrachea: <i>Energy dynamics, heat production and heat-work conversion with qubits</i>
12:10	–	13:00	Lunch
13:00	–	15:10	3 session - A parallel: Many body physics, quantum transport
<i>Location: Pyramida Hotel Cinema Hall</i>			
13:00	–	13:30	Sergey N. Shevchenko: <i>Quantum control via Landau-Zener-Stuckelberg-Majorana transitions</i>
13:30	–	14:00	Takafumi Kita: <i>Asymmetry of critical exponents above and below second-order transitions with continuous symmetries</i>
14:00	–	14:30	Björn Sothmann: <i>Quantized phase-coherent heat transport of counterpropagating Majorana modes</i>
14:30	–	14:50	Alessandro Romito: <i>Measurement-induced topological transition in a free fermion model</i>
14:50	–	15:10	Llorenç Serra: <i>Trivial and topological confinements in bilayer graphene</i>

13:00	–	15:10	3 session - B parallel: Molecular junctions	
<i>Location: Pyramida Hotel Lecture Hall B</i>				
13:00	–	13:30	Oren Tal:	<i>Quantum flicker noise demonstrated in molecular junctions</i>
13:30	–	14:00	Elisabetta Paladino:	<i>Supercurrent noise in short ballistic graphene Josephson junctions</i>
14:00	–	14:30	Alessandro Braggio:	<i>Nonlocal thermoelectricity in topological Josephson junctions</i>
14:30	–	14:50	Olivier Maillet:	<i>Anomalous photonic heat transport across a Josephson junction in a highly dissipative environment</i>
14:50	–	15:10	Jerome Rech:	<i>Delta-T noise in quantum Hall junctions</i>
13:00	–	15:10	3 session - C parallel: Quantum transport, superconductivity	
<i>Location: Pyramida Hotel Lecture Hall C</i>				
13:00	–	13:30	Yaroslav M. Blanter:	<i>Analog quantum control of magnonic cat states on-a-chip by a superconducting qubit</i>
13:30	–	14:00	Pascal Simon:	<i>Shot noise in superconducting sub gap states</i>
14:00	–	14:30	Friedemann Queisser:	<i>Dynamically assisted tunneling in the impulse regime</i>
14:30	–	14:50	Ambroise Peugeot:	<i>Entangled beams and photon multiplets from a dc-biased superconducting circuit</i>
14:50	–	15:10	Thibaut Jonckheere:	<i>Anyonic statistics revealed by the Hong-Ou-Mandel dip for fractional excitations</i>
15:10	–	15:30	Coffee break	
15:30	–	17:30	4 session - A parallel: Many body physics	
<i>Location: Pyramida Hotel Cinema Hall</i>				
15:30	–	16:00	Stephanie M Reimann:	<i>Droplet-superfluid compounds in binary bosonic mixtures</i>
16:00	–	16:30	Yoram Alhassid:	<i>Cold atomic Fermi gases in two dimensions: superfluidity and pseudogap effects in the strongly interacting regime</i>
16:30	–	17:00	Alexandre Zagoskin:	<i>Towards qualitative theory of large quantum coherent structures</i>

17:00	–	17:30	Radim Filip:	<i>Quantum non-Gaussian optics and mechanics</i>
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15:30	–	17:30	4 session - B parallel: Physics of quantum information	
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<i>Location: Pyramida Hotel Lecture Hall B</i>				
15:30	–	16:00	Thomas Walther:	<i>A scalable quantum key distribution network based on time-bin entanglement</i>
16:00	–	16:30	Yasuhiro Utsumi:	<i>Computation time and thermodynamic uncertainty relation of Brownian circuits</i>
16:30	–	17:00	Martin Ringbauer:	<i>Quantum computing and simulation with high-dimensional systems</i>
17:00	–	17:30	Wister Wei Huang:	<i>Quantum information processing with graphene quantum dots</i>
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15:30	–	17:30	4 session - C parallel: General physics, quantum structures	
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<i>Location: Pyramida Hotel Lecture Hall C</i>				
15:30	–	16:00	Joseph Maciejko:	<i>Hyperbolic band theory</i>
16:00	–	16:30	Grégoire Ithier:	<i>Many body density of states of a system of spinless fermions</i>
16:30	–	17:00	Parveen Kumar:	<i>Optimized steering: Quantum state engineering and exceptional points</i>
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17:30	–	19:20	Poster session and refreshment	
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<i>Location: Pyramida Hotel - first floor</i>				
19:20	–	20:00	Free time	
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20:00	–	22:00	Jazz concert	
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<i>Location: Pyramida Hotel Lecture Hall A</i>				

Wednesday, 3 August 2022

07:50 – 09:50

1 session: Light - matter interactions

Location: Pyramida Hotel Lecture Hall A

07:50 – 08:20 Franco Nori: *Quantum optics with giant atoms: Decoherence-free interaction between giant atoms in waveguide quantum electrodynamics.*

08:20 – 08:50 Ortwin Hess: *Nanoplasmonics as enabler of room-temperature quantum nanophotonics*

08:50 – 09:20 Walter Pfeiffer: *Emergent functionality in quantum plasmonics*

09:20 – 09:50 Norbert Kroo: *Some applications of high field nanoplasmonics*

09:50 – 10:10 Coffee break

10:10 – 12:10

2 session: Quantum thermodynamics

Location: Pyramida Hotel Lecture Hall A

10:10 – 10:40 Tapio Ala-Nissilä: *Trajectory-based approach to quantum thermodynamics for general quantum systems*

10:40 – 11:10 Amir Ordacgi Caldeira: *Von Neumann entropy and entropy production of a damped harmonic oscillator*

11:10 – 11:40 J. Miguel Rubi: *Negative thermophoresis in the strong coupling regime*

11:40 – 12:10 Gershon Kurizki: *Nonlinear coherent steering of heat and work*

12:10 – 13:00 Lunch

13:00 – 14:40

3 session - A parallel: General physics, biophysics

Location: Pyramida Hotel Lecture Hall A

13:00 – 13:30 Warwick P. Bowen: *Absolute quantum advantage in imaging: biological microscopy beyond the quantum limit*

13:30 – 14:00 Suzy Lidström: *Consciousness as coherent excitation of a hybrid quantum field*

14:00	–	14:20	Václav Špička:	<i>On physical processes controlling biological neural networks</i>
14:20	–	14:40	Peter D. Keefe:	<i>The first order phase transition of Type I superconductors: Bardeen hysteresis explained</i>
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13:00	–	14:40	3 session - B parallel: Hall effect	
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<i>Location: Pyramida Hotel Lecture Hall B</i>				
13:00	–	13:30	Thomas L Schmidt:	<i>Supercurrent-enabled Andreev reflection in a chiral quantum Hall edge state</i>
13:30	–	14:00	Pavel Štěda:	<i>Anomalous Hall conductivity and quantum friction</i>
14:00	–	14:20	David F. Mross:	<i>The fractional quantum Hall state at $\nu=5/2$: Recent insights from theory and experiment</i>
14:20	–	14:40	Jiří J. Mareš:	<i>Hidden momentum and Hall effect</i>
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13:00	–	14:40	3 session - C parallel: General physics	
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<i>Location: Pyramida Hotel Lecture Hall C</i>				
13:00	–	13:30	Marco Genovese:	<i>Emergence of constructor-based irreversibility in quantum systems</i>
13:30	–	14:00	Ofer Biham:	<i>The life cycle of random walks on random regular graphs</i>
14:00	–	14:20	Eytan Katzav:	<i>Convergence of contracting networks towards an asymptotic maximum-entropy structure</i>
14:20	–	14:40	Satoshi Ejima:	<i>Photoinduced pairing states in pumped excitonic insulators</i>
14:40	–	15:00	Coffee break	
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15:00	–	17:10	4 session - A parallel: Quantum optics	
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<i>Location: Pyramida Hotel Cinema Hall</i>				
15:00	–	15:30	Yuri Rostovtsev:	<i>Room-temperature tunable masers based on the weakly aligned molecules</i>
15:30	–	16:00	Marlan Scully:	<i>Of Bose condensates, squeezed light and black holes</i>

16:00	–	16:30	Olga Kocharovskaya:	<i>Nuclear ensembles with controllable inhomogeneous broadening for nuclear quantum memories and spectral intensity enhancement</i>
16:30	–	16:50	Frank A. Narducci:	<i>A T-cubed atom interferometer</i>
16:50	–	17:10	Anil K Patnaik:	<i>Tabletop mixed radiation source from liquid target via extreme light interactions</i>
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15:00	–	17:10	4 session - B parallel: Quantum transport	
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<i>Location: Pyramida Hotel Lecture Hall B</i>				
15:00	–	15:30	Riku Tuovinen:	<i>Time-linear non-equilibrium Green's function approach to correlated quantum transport</i>
15:30	–	16:00	Michael Ridley:	<i>Quantum probability from causal structure</i>
16:00	–	16:30	Pawel Danielewicz:	<i>Slabs of correlated nucleons with nonequilibrium Green's functions</i>
16:30	–	16:50	Michael Galperin:	<i>Green's function methods for single molecule junctions</i>
16:50	–	17:10	Ivan Rungger:	<i>Quantum computing algorithms for Green's functions in materials science</i>
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15:00	–	17:10	4 session - C parallel: Quantum physics and gravitation	
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<i>Location: Pyramida Hotel Lecture Hall C</i>				
15:00	–	15:30	Michael Kopp:	<i>Lessons on quantum gravity from gravitationally induced entanglement</i>
15:30	–	16:00	Roland E Allen:	<i>Origin of the Bekenstein-Hawking entropy, Einstein-Hilbert action, and a dark matter particle that should be detected in the next 2-5 years</i>
16:00	–	16:30	Giorgio Torrieri:	<i>The equivalence principle and inertial-gravitational decoherence</i>
16:30	–	16:50	Theo M. Nieuwenhuizen:	<i>Exact solutions for black holes with a smooth quantum core</i>
16:50	–	17:10	Matthias Zimmermann:	<i>Hawking radiation, the logarithmic phase singularity, and the inverted harmonic oscillator</i>
17:10	–	19:00	Free time and transfer to St. Vitus Cathedral	

19:00 – 20:30 **Concert of classical music**

Location: Prague Castle - St. Vitus Cathedral and live on internet

Thursday, 4 August 2022

07:50	–	09:50	1 session: General physics, light - matter interactions
<i>Location: Pyramida Hotel Cinema Hall</i>			
07:50	–	08:20	Christoph Bruder: <i>Quantum synchronization</i>
08:20	–	08:50	Joachim Ankerhold: <i>Bright sources for quantum microwaves by dc-biased superconducting circuits</i>
08:50	–	09:20	Vincenzo Macrì: <i>Virtual and real dynamical Casimir effects in optomechanical systems</i>
09:20	–	09:50	Eliahu Cohen: <i>Quantum clocks: time-energy uncertainty relations and the emergence of non-unitarity</i>
09:50	–	10:10	Coffee break
10:10	–	12:10	2 session: Quantum transport, spin systems
<i>Location: Pyramida Hotel Cinema Hall</i>			
10:10	–	10:40	Christian D Glattli: <i>Two-particle time-domain interferometry in the fractional quantum Hall effect regime</i>
10:40	–	11:10	Jan van Ruitenbeek: <i>On the problem of chirality-induced spin selectivity (CISS)</i>
11:10	–	11:40	E.K.U. Gross: <i>Non-linear spin dynamics, the OISTR effect, and the birth of atto-magnetism</i>
11:40	–	12:10	Shmuel Gurvitz: <i>Non-standard Hubbard model and two-electron pairing</i>
12:10	–	13:00	Lunch
13:00	–	14:30	3 session: Light - matter interactions
<i>Location: Pyramida Hotel Cinema Hall</i>			
13:00	–	13:30	Giuseppe Falci: <i>Detection of virtual photons in ultra-strongly coupled quantum systems</i>
13:30	–	14:00	Omar Di Stefano: <i>Gauge principle and gauge invariance issues in the ultrastrong coupling regime</i>
14:00	–	14:30	Roberto Stassi: <i>Unveiling and veiling an entangled light-matter quantum state from the vacuum</i>

14:30 – 14:50 Cofee break

14:50 – 16:20 **4 session: Quantum optics**

Location: Pyramida Hotel Cinema Hall

14:50 – 15:20 Alistair James Brash: *Quantum optics in the solid state*

15:20 – 15:50 Evgenii Narimanov: *Ghost exchange: Ferromagnetic-antiferromagnetic phase transition in linear optics of non-magnetic dielectrics*

15:50 – 16:20 Tamar Seideman: *Insights from high harmonic generation. Toy models*

16:20 – 17:00 Free time

17:00 – 22:00 **Evening session: Public lectures of Guy Consolmagno, Harrison Schmitt and concert**

Location: Pyramida Hotel Lecture Hall A

17:00 – 17:15 Music introduction and opening address

17:15 – 18:30 Public lecture

17:15 – 18:15 **Guy J. Consolmagno:** *Astronomy, God, and the Search for Elegance*

18:15 – 18:30 Discussion after the lecture of Guy Consolmagno

18:30 – 18:45 Cofee break

18:45 – 20:00 Public lecture

18:45 – 19:45 **Harrison H Schmitt:** *From Coyotes to Moonbeams*

19:45 – 20:00 Discussion after the lecture of Harrsion Schmitt

20:00 – 20:30 Cofee break

20:30 – 22:00 **Concert of classical music**

Friday, 5 August 2022

07:50 – 09:50

1 session: General physics, biophysics

Location: Pyramida Hotel Lecture Hall A

- 07:50 – 08:20 Cristiane de Morais Smith: *Time glasses, imaginary time crystals, and all that*
- 08:20 – 08:50 Lev Mourokh: *Physical models of mitochondrial proton-pumping complexes*
- 08:50 – 09:20 Yutaka Shikano: *Quantum computer health check via quantum random number generation*
- 09:20 – 09:50 Karl John Friston: *Me and my Markov blanket*
- 09:50 – 10:10 Cofee break

10:10 – 12:10

2 session - A parallel: Quantum transport, spin dynamics

Location: Pyramida Hotel Lecture Hall A

- 10:10 – 10:40 Sebastian Deffner: *Assessing nonequilibrium excitations in quantum annealers*
- 10:40 – 11:10 Lea F. Santos: *Experimental detection of the correlation Renyi entropy in the central spin model*
- 11:10 – 11:40 Jaroslav Fabian: *Spintronics with van der Waals heterostructures*
- 11:40 – 12:10 Branislav Nikolic: *What is quantum spin torque: Spintronics meets nonequilibrium strongly correlated and long-range entangled quantum matter*

10:10 – 12:10

2 session - B parallel: Foundations of quantum physics

Location: Pyramida Hotel Lecture Hall B

- 10:10 – 10:40 Denys I. Bondar: *Experimental classical optical analogues of open quantum systems: Quantum discord, violation of the Leggett-Garg inequality, and decoherence enhanced tunneling*
- 10:40 – 11:10 Georgi Gary Rozenman: *Emulating black holes using surface gravity waves*
- 11:10 – 11:40 Fabrizio Piacentini: *Extracting (anomalous) weak values by detecting a single photon*

11:40	–	12:10	Ehtibar Dzhafarov:	<i>A general proof that context-independent mapping (or local causality) and free choice are equivalent</i>
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10:10	–	12:10	2 session - C parallel: Foundations of quantum physics, transport theory	
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<i>Location: Pyramida Hotel Lecture Hall C</i>				
10:10	–	10:40	John Goold:	<i>Taking the temperature of a pure quantum state</i>
10:40	–	11:10	Jakub Spiechowicz:	<i>Arcsine law and multistable Brownian dynamics in a tilted periodic potential</i>
11:10	–	11:40	Eugene Sukhorukov:	<i>Transmission line approach to transport of heat in chiral and drift-diffusion systems with dissipation</i>
11:40	–	12:10	Sungguen Ryu:	<i>Photoassisted chiral transport beyond the Carnot limit</i>
12:10	–	13:00	Lunch	
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13:00	–	15:00	3 session: Space exploration	
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<i>Location: Pyramida Hotel Lecture Hall A</i>				
13:00	–	13:30	Harrison H Schmitt:	<i>50 Years and counting: Major science from Apollo 17 mission to Taurus-Littrow on the Moon</i>
13:30	–	14:00	Guy J. Consolmagno:	<i>What's surfacing about Bennu?</i>
14:00	–	14:30	Hansjörg Dittus:	<i>Quantum sensors - A necessity on modern spacecraft</i>
14:30	–	15:00	Ernst M Rasel:	<i>Twin lattice interferometry - a tool for gyros and gravitational-wave detection</i>
15:00	–	15:20	Coffee break	
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15:20	–	16:20	4 session: Many body physics, magnetism	
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<i>Location: Pyramida Hotel Lecture Hall A</i>				
15:20	–	15:50	Wolfgang Belzig:	<i>Quantum properties of squeezed magnons in ferro- and antiferromagnets</i>
15:50	–	16:20	Thomas Vojta:	<i>Controlling the stripe order in a diluted frustrated magnet</i>
16:20	–	17:30	Free time and transfer to Strahov monastery	

17:30 – 23:00 **Guided tour, conference dinner and concert**

Location: Strahov Monastery

17:30 – 19:00 Guided tour through Strahov monastery

19:00 – 19:20 Welcome

19:20 – 20:30 First part of the conference dinner

20:30 – 21:30 Concert of classical music in the Basilica of Assumption of Our Lady

21:30 – 23:00 Second part of the conference dinner

Saturday, 6 August 2022

08:20	–	10:20	1 session: Foundation of quantum physics
<i>Location: Pyramida Hotel Lecture Hall A</i>			
08:20	–	08:50	Howard M. Wiseman: <i>Can a qubit be your friend? Why experimental metaphysics needs a quantum computer.</i>
08:50	–	09:20	James Freericks: <i>How do we measure the momentum of a quantum particle</i>
09:20	–	09:50	Gerard Kennedy: <i>Energetics of quantum vacuum friction</i>
09:50	–	10:20	Federico Cerisola: <i>Quantum-classical correspondence in spin-boson equilibrium states at arbitrary coupling</i>
10:20	–	10:40	Coffee break
10:40	–	12:10	2 session: Physics of superfluids
<i>Location: Pyramida Hotel Lecture Hall A</i>			
10:40	–	11:10	Jeff Steinhauer: <i>Analogue cosmological particle creation in an ultracold quantum fluid of light</i>
11:10	–	11:40	Thomas Gasenzer: <i>Instantons in far-from-equilibrium spinor gases</i>
11:40	–	12:10	Peter V. E. McClintock: <i>Quantum turbulence in superfluid He-4: creation, evolution and decay in novel geometries</i>
12:10	–	13:00	Lunch
13:00	–	15:00	3 session: Thermodynamics and statistical physics
<i>Location: Pyramida Hotel Lecture Hall A</i>			
13:00	–	13:30	Rudolf Hilfer: <i>Foundations of statistical mechanics for unstable interactions</i>
13:30	–	14:00	Jerzy Łuczka: <i>Quantum counterpart of energy equipartition theorem - General case</i>
14:00	–	14:30	Gert-Ludwig Ingold: <i>Casimir interaction in colloidal and biophysical systems</i>

14:30 – 15:00 Mario Arnolfo Ciampini: *Spatiotemporal control of levitated nanoparticles for nonequilibrium thermodynamics*

15:00 – 15:30

Closing remarks

Location: Pyramida Hotel Lecture Hall