

2021 CAP Virtual Congress / Congrès virtuel de l'ACP 2021  
**Invited Speakers / Conférenciers invités**

Date	Presenters	Title	Session
<b>Applied Physics and Instrumentation / Physique appliquée et de l'instrumentation (DAPI / DPAI)</b>			
7 Jun 2021, 11:50	Tobias Junginger	Superconducting Radiofrequency Science and Technology in Canada	M1-7
7 Jun 2021, 12:00	Mark Boland	CLS2: A Next Generation Light Source for Canada	M1-7
7 Jun 2021, 12:10	Dalini Maharaj	A Prototype Compact Accelerator-based Neutron Source (CANS) for Canada	M1-7
7 Jun 2021, 12:45	Alexander Gottberg	Secondary Particle Production for Fundamental Science at TRIUMF	M2-7
7 Jun 2021, 12:55	Cornelia Hoehr	Medical isotope production and research with IAMI at TRIUMF	M2-7
9 Jun 2021, 15:50	Art McDonald	The MVM Ventilator: Particle physicists, National Labs and Industry	W3-8
9 Jun 2021, 16:00	Catherine Beauchemin	Innumeracy compounding an already difficult situation	W3-8
9 Jun 2021, 16:10	Sean Cornelius	Statistical Physics & Human Mobility in COVID-19	W3-8
<b>Atomic, Molecular and Optical Physics, Canada / Physique atomique, moléculaire et photonique, Canada (DAMOPEC-DPAMPC)</b>			
7 Jun 2021, 11:45	Alan Jamison	Ultracold chemistry with triplet molecules	M1-1
7 Jun 2021, 11:50	Brynle Barrett	Quantum Sensing with Matter-Wave Interferometers	M1-1
7 Jun 2021, 11:55	Aephraim Steinberg	Quantum archæology: how much time does an atom spend tunneling through a beam of light, and how much time do photons spend "trapped" in atoms?	M1-1
7 Jun 2021, 12:45	Tom Kirchner	Ionization of biologically relevant molecules studied with an independent atom model including geometric overlap	M2-1
7 Jun 2021, 12:50	Kyung Choi	Many-body QED with atoms and photons	M2-1
7 Jun 2021, 15:45	Karl-Peter Marzlin	Nonlinear Atomic Force Microscopy	M3-1
7 Jun 2021, 15:50	Crystal Senko	Prospects for quantum computing with Ba <sup>+</sup> ions	M3-1
7 Jun 2021, 15:55	Chitra Rangan	Polarization control of spontaneous emission for rapid quantum state initialization	M3-1
7 Jun 2021, 16:45	Karine Le Bris	Radiative efficiency and global warming potential of fluorinated greenhouse gases	M4-1
7 Jun 2021, 16:50	James Martin	On the validity of many-mode Floquet theory	M4-1
9 Jun 2021, 11:45	Giovanni Fanchini	Scanning near-field optical microscopy: from physics to spectroscopic applications	W1-1
9 Jun 2021, 11:50	Michal Bajcsy	Nanophotonic platforms for quantum optics with atomic ensembles	W1-1
9 Jun 2021, 12:45	Bhavin Shastri	Silicon photonics for machine learning and neuromorphic computing	W2-1
9 Jun 2021, 15:45	Alexandre Blais	Quantum Information Processing With Superconducting Circuits	W3-1
9 Jun 2021, 15:50	Hoi-Kwan (Kero) Lau	Realizing a perfect quantum transduction by applying a bad transducer twice	W3-1
9 Jun 2021, 16:45	Ebrahim Karimi	Quantum Cryptography Beyond Qubits with Structured Photons	W4-1
9 Jun 2021, 16:50	Shabir Barzanjeh	Quantum electromechanics: photon conversion, nonreciprocity, and entanglement	W4-1
10 Jun 2021, 11:45	Sangeeta Murugkar	Quantitative label-free vibrational spectroscopic imaging and analysis in medical physics	R1-3
10 Jun 2021, 12:45	Kostadinka Bizheva	In-vivo, non-contact, cellular resolution imaging of the structure and function of the human eye	R2-3
10 Jun 2021, 15:45	Andre Staudte	Signatures of light-induced potential energy surfaces in H <sub>2</sub> <sup>+</sup> - beyond conical intersections	R3-2
10 Jun 2021, 15:50	Albert Stolow	Coherent Ultrafast Electronic Dynamics in Molecules	R3-2
<b>Condensed Matter and Materials Physics / Physique de la matière condensée et matériaux (DCMMP-DPMCM)</b>			
7 Jun 2021, 11:45	Arun Paramekanti	Nematicity driven by superconducting correlations	M1-8

7 Jun 2021, 11:54	Jeffrey Rau	Magnetoelectric generation of a Majorana-Fermi surface in Kitaev's honeycomb model	M1-8
7 Jun 2021, 12:03	Jeffrey Quilliam	Magnetic order and spin liquid physics in cluster Mott insulators	M1-8
7 Jun 2021, 15:45	Robert Dynes	Disordered array superconducting loop-based synaptic networks and neurons for neuromorphic computing	M3-7
7 Jun 2021, 15:55	Bill Atkinson	Remembering Jules Carbotte	M3-7
7 Jun 2021, 16:05	Frank Marsiglio	Eliashberg Theory and Jules Carbotte	M3-7
9 Jun 2021, 11:45	Gael Grissonnanche	T-linear resistivity from an isotropic Planckian scattering rate	W1-9
9 Jun 2021, 11:54	Maxime Charlebois	Pushing the Size of the Quantum Cluster Numerical Simulations	W1-9
9 Jun 2021, 12:03	David Hawthorn	Vanishing nematic order beyond the pseudogap phase in overdoped cuprate superconductors	W1-9
9 Jun 2021, 12:12	Adina Luican-Mayer	Quantum materials at the atomic scale	W1-9
9 Jun 2021, 12:21	Al-Amin Dhirani	Large Kondo Effect in molecule-linked Au Nanoparticles Assemblies	W1-9
<b>Gender Equity in Physics / L'égalité des genres en physique (DGEP-DEGP)</b>			
10 Jun 2021, 11:55	Shohini Ghose	Good IDEA! Promoting excellence in science through Inclusion, Diversity, Equity and Accessibility (flipped)	R1-1
10 Jun 2021, 12:01	David Jenkins	Equality and diversity in Physics: A UK perspective (flipped)	R1-1
10 Jun 2021, 12:07	Elena Long	LGBT+ Climate in Physics (flipped)	R1-1
<b>History of Physics / Histoire de la physique (DHP)</b>			
9 Jun 2021, 11:45	James Peebles	Multiples in Scientific Discovery	W1-6
9 Jun 2021, 15:45	Mauricio Barbi	Synchrotron Radiation as a Tool in Paleontology – Search for Soft Tissue Preservation	W3-11
10 Jun 2021, 11:45	Timothy William Koeth	Hunting for Lost Nazi Uranium	R1-4
<b>Magnetic North/Magnétisme Nord</b>			
8 Jun 2021, 11:00	Allan MacDonald	MBT for TBM ( Topological Band Magnetism )	TS-8
8 Jun 2021, 12:00	Adam Tsen	Giant c-axis Nonlinear Anomalous Hall Effect	TS-8
8 Jun 2021, 13:30	Katharina Franke	Tunneling processes through Yu-Shiba-Rusinov states of magnetic atoms on superconductors	TS-8
8 Jun 2021, 14:45	Hae-Young Kee	Microscopic Theory of Spin Frustration in Quantum Magnets	TS-8
8 Jun 2021, 16:00	Patrick Clancy	Exploring Kitaev Magnetism with Resonant X-Rays	TS-8
9 Jun 2021, 11:45	Michel Gingras	A Theoretical Outlook on the Properties of Spin Ice and Other Magnetic Pyrochlore Thin Films	W1-12
9 Jun 2021, 12:45	Christianne Beekman	Spin-Ice Thin Films: The Effect of Strain and Disorder	W2-12
9 Jun 2021, 15:45	Murray Wilson	Skyrmions in Chiral Cubic Magnets	W3-12
9 Jun 2021, 16:45	David Menard	Magnetic polaritons or strong photon-magnon coupling in arrays ferromagnetic nanowires	W4-9
<b>Nuclear Physics / Physique nucléaire (DNP-DPN)</b>			
7 Jun 2021, 11:45	Takashi Nakamura	Study of exotic nuclei along the neutron drip line and beyond	M1-5
7 Jun 2021, 11:45	Victoria Vedia	Recent highlights from the GRIFFINspectrometer	M1-6
7 Jun 2021, 12:45	Jennifer Pore	The Power of Mass-Number Identifications for Heavy Element Experiments	M2-5
7 Jun 2021, 15:45	Gwen Grinyer	Exotic Nuclear Decay at the Limits of Stability	M3-5
7 Jun 2021, 15:45	Dan Melconian	Towards measuring the Fierz interference parameter in $6\text{He}$ $\beta$ decay from a Penning trap using the CRES technique	M3-6
7 Jun 2021, 16:45	Gregory Christian	Direct and indirect measurements of charged-particle capture reactions	M4-5

7 Jun 2021, 16:45	Stephan Malbrunot-Ettenauer	Novel ion-trap techniques for precision studies of exotic radionuclides and radioactive molecules	M4-6
9 Jun 2021, 11:45	David Jenkins	Fusion in massive stars: Pushing the $^{12}\text{C}+^{12}\text{C}$ cross-section to the limits with the STELLA experiment at IPN Orsay	W1-7
9 Jun 2021, 11:45	Zach Meisel	The impact of nuclear structure on constraints of neutron star structure	W1-8
9 Jun 2021, 15:45	Curtis A. Meyer	Search for exotic quantum-number mesons in the GlueX experiment	W3-7
9 Jun 2021, 16:45	Elena Litvinova	Nuclear many-body problem at zero and finite temperature	W4-5
9 Jun 2021, 16:45	Russell Mammei	Status of the Ultracold Neutron Source and nEDM Experiment at TRIUMF	W4-6
10 Jun 2021, 11:45	Ruben Sandapen	A universal holographic wavefunction for light hadrons	R1-5
10 Jun 2021, 15:45	Wouter Deconinck	The Electron-Ion Collider: North America's Next Large Particle Collider	R3-4
10 Jun 2021, 16:45	Juliette Mammei	The Pb Radius and Ca Radius Experiments (PREX and CREX)	R4-3
<b>Particle Physics / Physique des particules (PPD)</b>			
7 Jun 2021, 11:45	Silvia Scorza	Challenges for Direct Dark Matter Detection Searches	M1-9
7 Jun 2021, 13:55	Savino Longo	First application of CsI(Tl) pulse shape discrimination at an $e^+e^-$ collider to improve particle identification at the Belle II experiment	M-PPD
7 Jun 2021, 14:20	Stephen Weber	Measurements of Z boson production in association with two jets using the ATLAS Run-II dataset	M-PPD
7 Jun 2021, 15:45	Tony Kwan	Highlights ATLAS experiment	M3-9
9 Jun 2021, 11:45	Ewan Chin Hill	Towards the Particle Collider Luminosity Frontier: The latest from the Belle II Experiment	W1-10
9 Jun 2021, 15:45	Viktor Zacek	New evidence for a dark sector? – Search for the X17 resonance	W3-10
10 Jun 2021, 15:45	Wojtek Fedorko	Machine Learning Applications in Particle Physics: Present and Future	R3-7
<b>Physics Education / Enseignement de la physique (DPE-DEP)</b>			
7 Jun 2021, 12:00	Gurpaul Kochhar	Assessment of Physics Competency in a First-Year Integrated Science Course	M1-3
7 Jun 2021, 12:45	Pooya Ronagh	Training Physicists in Software Development: The Case of a Machine Learning Course	M2-3
7 Jun 2021, 15:45	Michael Massa	Building computation skills into our physics program	M3-2
9 Jun 2021, 11:45	Shohini Ghose	Looking back at a decade of teaching undergraduate Quantum Computing	W1-3
9 Jun 2021, 12:45	Rogério de Sousa	Teaching quantum computing for second year students in science and engineering	W2-2
9 Jun 2021, 15:45	Gabor Kunstatter	The fast and the furious: special relativity for high school students	W3-3
10 Jun 2021, 11:45	Stephen Morris	Three advanced lab experiments on fluids and pattern formation	R1-2
10 Jun 2021, 15:45	Natasha Holmes	Exploring men's and women's roles in physics lab group work	R3-1
10 Jun 2021, 17:00	Robert Mann	Equity, Diversity, and Inclusion in Physics — a Career Perspective	R4-1
<b>Physics in Medicine and Biology / Physique en médecine et en biologie (DPMB-DPMB)</b>			
7 Jun 2021, 11:45	Yi-Hsuan Lin	Introduction to machine learning and its applications in biophysics and computational biology	M1-4
7 Jun 2021, 12:45	Fiona McNeill	Neutrons in Medicine	M2-4
9 Jun 2021, 11:45	Jesse Tanguay	Photon-Counting X-ray Detectors: A New Generation of Medical X-ray Imaging	W1-4
9 Jun 2021, 12:45	Alexei Ouriadov	Noble gas MRI: A Decade of Progress Towards Clinical Translation	W2-3
<b>Plasma Physics / Physique des plasmas (DPP)</b>			
9 Jun 2021, 11:45	Claire Douat	Plasma jet as a source of carbon monoxide (CO) for biomedical applications	W1-5
9 Jun 2021, 12:10	Jean-Sébastien Boisvert	Non-thermal plasma for cancer treatment, influence of the discharge mode on the cytotoxicity of a radio-frequency plasma jet	W1-5
9 Jun 2021, 12:45	Stephan Reuter	Controlling Non-thermal Plasmas in Contact with Liquids	W2-4

9 Jun 2021, 15:45	Natalia Milaniak	Plasma characterization in gaseous and liquid dielectric barrier discharge systems for nanoparticle synthesis and nanostructured thin film deposition	W3-5
9 Jun 2021, 16:45	Emile Carbone	Atmospheric pressure synthesis of chemical fuels by high frequency plasmas: an outlook	W4-4
10 Jun 2021, 12:00	Jocelyn Veilleux	Inductively-coupled RF plasma: a versatile tool to synthesize functional materials and advanced ceramics	R1-9
<b>Science Policy Session</b>			
7 Jun 2021, 13:45	Lorna Somers	'em jIHvaD Hoch The Science (& Art) of Compelling Storytelling	M-SCIPOL
<b>Symposia Day (DPMB) - Impactful advances in biological and medical physics</b>			
8 Jun 2021, 11:00	Ravi Selvaganapathy	Microfluidic devices for handling small organisms	TS-6-1
8 Jun 2021, 11:30	Sara Mahshid	A nanosurface fluidic device for physical fingerprints of extracellular vesicles for liquid biopsy in cancer	TS-6-1
8 Jun 2021, 13:30	Nathan Orlando	A Generalizable and Efficient Deep Learning Algorithm for Automatic Prostate Segmentation in 3D Ultrasound	TS-6-2
8 Jun 2021, 14:15	Alexandra Rink	Use of Light Absorbing Polymers for Quantitative Measure of Ionizing Radiation Dose: Challenges and Opportunities	TS-6-2
8 Jun 2021, 15:15	Christopher Barrett	Optical Bio-Sensing at the Brain-Machine Interface	TS-6-3
8 Jun 2021, 15:45	Christopher Bergevin	Synchrony in the auditory periphery	TS-6-3
8 Jun 2021, 16:15	Joel Zylberberg	(Learning) visual representations	TS-6-3
<b>Symposia Day (DPP) - Low temperature plasmas/Fusion plasmas (magnetic and inertial confinement)/ Laser plasmas/Basic plasmas</b>			
8 Jun 2021, 10:40	Arnaud Debayle	Modelling laser plasma interaction for inertial confinement fusion experiments	TS-3
8 Jun 2021, 11:05	Amina Hussein	X-ray production using relativistically intense laser pulses	TS-3
8 Jun 2021, 13:15	Arash Tavassoli	Nonlinear and noise effects in simulations of Buneman instability	TS-3
8 Jun 2021, 13:50	Luc Stafford	Defect Engineering in Plasma-Treated Graphene Films	TS-3
8 Jun 2021, 15:10	Edward Thomas	Plasma and dusty plasma pattern formation at high magnetic fields	TS-3
8 Jun 2021, 17:00	Raymond Golingo	Flow-Through Z-Pinch Research at Fuse	TS-3
8 Jun 2021, 17:25	Jeffery Zielinski	Global simulations of ion temperature gradient modes, from characteristic eigen-structures to turbulent transport	TS-3
<b>Symposia Day (DTP) - Cosmology/Jim Peebles celebration</b>			
8 Jun 2021, 10:00	James Peebles	Challenges and Opportunities for Modern Cosmology	TS1-1
8 Jun 2021, 11:15	Matt Dobbs	21cm Cosmology	TS1-2
8 Jun 2021, 11:45	Tzu-Ching Chang	Multi-line intensity mapping of the high redshift Universe	TS1-2
8 Jun 2021, 12:15	Jo Dunkley	CMB Observations: Recent Progress	TS1-2
8 Jun 2021, 13:30	Chanda Prescod-Weinstein	Making Universal Axions	TS1-3
8 Jun 2021, 13:55	Katelin Schutz	The cosmology of sub-MeV dark matter freeze-in	TS1-3
8 Jun 2021, 14:20	Evan McDonough	New Directions for Dark Matter	TS1-3
8 Jun 2021, 14:45	Aaron Vincent	Asymmetric Dark Matter in Main Sequence Stars	TS1-3
8 Jun 2021, 15:45	Edward Wilson-Ewing	Some challenges for theoretical cosmology	TS1-4
8 Jun 2021, 16:10	Ghazal Geshnizjani	Spectrum of Cuscuton Bounce	TS1-4
8 Jun 2021, 16:35	Jerome Quintin	Discriminating between theories of the very early universe	TS1-4
<b>Symposia Day (DTP) - Quantum Machine Learning</b>			
8 Jun 2021, 11:00	Maria Kieferova	Quantum Barren Plateaus and Generative Pre-Training	TS-2
8 Jun 2021, 11:30	Sebastian Wetzel	Interpreting artificial neural networks in the context of theoretical physics.	TS-2
8 Jun 2021, 12:00	Milad Marvian	Quantum Earth Mover's Distance: A New Approach to Learning Quantum Data	TS-2

8 Jun 2021, 13:00	Michael Broughton	Large Scale QML Research in TensorFlow Quantum	TS-2
8 Jun 2021, 13:30	Guillaume Verdon	Quantum-Probabilistic Generative Models: Information Geometry & Applications to Quantum Simulation	TS-2
8 Jun 2021, 14:00	Nathan Killoran	Training quantum computers the same way as neural networks	TS-2
8 Jun 2021, 14:45	Matthew Beach	The Life of the Qubit: End-to-end design of quantum devices with machine learning	TS-2
8 Jun 2021, 15:15	Peter Johnson	Quantum enhanced sampling: an essential tool for today's quantum computing practitioner	TS-2
8 Jun 2021, 15:45	Juan Felipe Carrasquilla	Variational Neural Annealing	TS-2
8 Jun 2021, 16:30	Barry Sanders	Classical and quantum control and learning	TS-2
8 Jun 2021, 17:00	Alejandro Perdomo-Ortiz	Enhancing Machine Learning and Combinatorial Optimization with Quantum Generative Models	TS-2
<b>Symposia Day (PPD) - Neutrino Physics and Beyond</b>			
8 Jun 2021, 11:00	Jason Holt	Ab initio nuclear theory for neutrino physics	TS4-1
8 Jun 2021, 11:20	Alan Poon	Search for Majorana Neutrinos in the LEGEND Experiment	TS4-1
8 Jun 2021, 12:00	Ryan Bayes	Status of the SNO+ experiment	TS4-2
8 Jun 2021, 12:20	Erica Caden	Current Status of the nEXO Experiment	TS4-2
8 Jun 2021, 13:01	Claire David	The Deep Underground Neutrino Experiment DUNE: review and recent progress	TS4-3
8 Jun 2021, 13:21	Patrick de Perio	The T2K, Super-Kamiokande, and Hyper-Kamiokande Experiments	TS4-3
8 Jun 2021, 14:45	Jess McIver	Multi-messenger astrophysics with gravitational waves	TS4-4
8 Jun 2021, 15:05	Juan Pablo Yanez Garza	Studying neutrino properties with neutrino telescopes	TS4-4
8 Jun 2021, 15:50	Aaron Vincent	The future of high-energy neutrino flavour and the search for new physics	TS4-5
8 Jun 2021, 16:10	Liliana Caballero Suarez	Multi-messenger astronomy and neutrinos	TS4-5
8 Jun 2021, 16:45	Pietro Giampa	Studying Reactor CEvNS with the Scintillating Bubble Chamber (SBC) Experiment	TS4-6
8 Jun 2021, 17:05	Marie Vidal	Coherent Elastic Neutrino-Nucleus Scattering and the NEWS-G collaboration	TS4-6
8 Jun 2021, 17:25	Matthias Danninger	Heavy Neutrino searches at ATLAS	TS4-6
<b>Symposia Day (Prof.Affairs) - A Symposium for Private Sector Physics</b>			
8 Jun 2021, 11:00	Crystal Bailey	Breaking the Myth of the "Non-Traditional Physicist": The Real Story about Employment for Physics Graduates	TS-5
8 Jun 2021, 12:00	Melissa Valdez	Artificial Intelligence for Customer Care	TS-5
8 Jun 2021, 12:30	Chad Bryant	Perspectives on Applied AI and Machine Learning	TS-5
8 Jun 2021, 13:30	Daniel Cluff, Sujit Sengupta	Cryogenics in Mining, Deep Mine Cooling By Converting The Heat To Electricity.	TS-5
8 Jun 2021, 14:00	René Stock	From Physics to Finance and Risk Management in Times of a Pandemic	TS-5
8 Jun 2021, 14:30	Denis Dufour	The winding road from a degree in physics to the development of leading-edge optical sensors	TS-5
8 Jun 2021, 15:00	Al Scott	Using a Physics Education to Communicate Science to Society	TS-5
8 Jun 2021, 16:00	Laura-Isabelle Dion-Bertrand	Career Opportunities in Physics - What to do Next? / Opportunités de carrière en physique - Quel chemin prendre?	TS-5
<b>Symposium Day (NRC) - Physics for the next generation of sensors and metrology (NRC)</b>			
8 Jun 2021, 11:05	Carl Williams	Quantum Technologies in Sensing, Imaging, and Metrology: From the Laboratory to Near-Term Commercial Applications	TS-7
8 Jun 2021, 11:45	Angela Gamouras	Quantum radiometry and metrology for single-photon detectors and emitters	TS-7
8 Jun 2021, 12:30	Jack Sankey	Toward tabletop, quantum-limited mechanical sensing and new optomechanical control	TS-7
8 Jun 2021, 13:00	Robert Wolkow	Applying Atom-Defined Building Tools to Make Quantum Sensing Devices	TS-7

8 Jun 2021, 13:30	Shabir Barzanjeh	Microwave entanglement generation and its application in quantum sensing	TS-7
8 Jun 2021, 14:15	Aimee Gunther	(Lunch session talk) Department of National Defence Quantum S&T Strategy	TS-7
8 Jun 2021, 14:40	Phil Kay	(Lunch session talk) NRC's Quantum Sensors Challenge Program	TS-7
8 Jun 2021, 15:00	Michael Bradley	Quantum Magnetometry with the Diamond NV-Centre	TS-7
8 Jun 2021, 16:30	Rachel Taylor	Building Magnetic Intelligence: harnessing quantum magnetometry with the diamond NV-centre for end-user applications	TS-7
<b>Theoretical Physics / Physique théorique (DTP-DPT)</b>			
7 Jun 2021, 11:45	Beni Yoshida	On the firewall puzzle	M1-2
7 Jun 2021, 11:50	Pasquale Bosso	Quantum Gravity Phenomenology from the Generalized Uncertainty Principle	M1-2
9 Jun 2021, 11:45	Keshav Dasgupta	de Sitter space in string landscape	W1-2
9 Jun 2021, 11:50	Ziqi Yan	Nonrelativistic Strings and Exotic Geometries	W1-2
9 Jun 2021, 11:55	Erich Poppitz	Generalized 't Hooft Anomalies and Gauge Dynamics	W1-2
9 Jun 2021, 12:45	Jean-Francois Fortin	Conformal Field Theory in Embedding Space	W2-5
9 Jun 2021, 12:50	Andrew Frey	Holographic Complexity in Gravitational Collapse	W2-5
9 Jun 2021, 15:45	Sarah Harrison	Chaos and the spectrum on Moduli space	W3-2
9 Jun 2021, 16:45	René Côté	Magneto-optical Kerr effect and signature of the chiral anomaly in a Weyl semimetal in magnetic field	W4-2
9 Jun 2021, 16:50	Tami Pereg-Barnea	Domain and Skyrmion bound states on the surface of magnetic topological insulators	W4-2
10 Jun 2021, 12:45	Alexandros Gezerlis	From alpha clustering to homogeneous matter	R2-4
10 Jun 2021, 15:45	Marco Merkli	Markovian dynamics in open quantum systems	R3-3
10 Jun 2021, 15:50	Duncan O'Dell	Schwinger pair production as a non-Hermitian problem	R3-3
10 Jun 2021, 16:45	Daniel James	Quantum Theory of Polarized Light	R4-2
10 Jun 2021, 16:50	Debbie Leung	Additive quantities cannot be more than asymptotically continuous	R4-2
10 Jun 2021, 16:55	Gilad Gour	Entanglement and Bell nonlocality are one and the same	R4-2