

2017 Detailed Congress Program

(see page 18 for description of codes and abbreviations)

Legend:

- (G) : graduate
- (U) : undergraduate
- (G/U)* : student in competition
- (I): invited speaker

Sunday, May 28

08:30 – 19:30	BioSciences 1102 (cap. 122)	Soft Matter Canada 2017 (Chair: Barbara Frisken, Simon Fraser University)
08:30 – 12:00	BioSciences 2111 (cap. 30)	IPP Inst. Members and Board of Trustees Meetings (Chair: M. Roney, University of Victoria)
10:15 – 10:45	BioSciences Atrium	Health Break
11:30 – 13:00	BioSciences Atrium	Registration Desk open
11:30 – 13:00	Leonard Dining Hall	Lunch in Cafeteria
12:30 – 17:00	Ellis 226 (cap. 40)	CAP Advisory Council (Old and New) (Chair: R. MacKenzie, U. of Montreal)
13:00 – 18:00	Ellis 324 (cap. 70)	IPP AGM (Chair: M. Roney, University of Victoria)
16:15 – 16:30	BioSciences Atrium	Health Break
19:00 – 21:30	BioSciences 2111 (cap. 30)	CINP Board Meeting (Chair: G. Huber, University of Regina)

Monday, May 29

07:30 – 09:45	Humphrey Hall 102 (cap. 221)	Joint CINP-IPP Meeting
09:45 – 10:15	BioSciences Atrium	Health Break
10:15 – 11:15	BioSciences 1101 (cap. 450)	Opening Remarks followed by Plenary talk by Marcel Franz, Dept. of Physics & Astronomy, University of British Columbia <i>From solids with topology to black holes and back - see pg. 11</i> (Chair: R. MacKenzie, President, CAP)

Programme détaillé du Congrès 2017

(Voir page 18 pour une description des codes et abbréviations)

Légende :

- (G) : étudiant de 2^e ou 3^e cycle
- (U) : étudiant de 1^{er} cycle
- (G/U)* : étudiant dans la compétition
- (I) : conférencier invité

Dimanche 28 mai

Matière Molle Canada 2017 (Présidente: Barbara Frisken, Université Simon Fraser)	BioSciences 1102 (cap. 122)	08 h 30 19 h 30
Réunions des membres inst. et du conseil de l'IPP (Président : M. Roney, University of Victoria)	BioSciences 2111 (cap. 30)	08 h 30 12 h 00
Pause santé	BioSciences Atrium	10 h 15 10 h 45
Bureau d'inscription ouvert	BioSciences Atrium	11 h 30 13 h 00
Dîner au cafétéria	Leonard Hall	11 h 30 13 h 00
Conseil consultatif de l'ACP (ancien et nouveau) (Président : R. MacKenzie, U. de Montréal)	Ellis 226 (cap. 40)	12 h 30 17 h 00
Assemblée générale annuelle de l'IPP (Président : M. Roney, University of Victoria)	Ellis 324 (cap. 70)	13 h 00 18 h 00
Pause santé	BioSciences Atrium	16 h 15 16 h 30
Réunion du conseil de l'ICPN (Président : G. Huber, University of Regina)	BioSciences 2111 (cap. 30)	19 h 00 21 h 30

Lundi 29 mai

Réunion conjointe de l'ICPN et de l'IPP	Humphrey Hall 102 (cap. 221)	07 h 30 09 h 45
Pause Santé	BioSciences Atrium	09 h 45 10 h 15
Ouverture du congrès, suivi par session plénière par Marcel Franz, Département de physique et astronomie, Université de Colombie Britannique <i>Des solides avec topologie aux trous noirs, aller et retour - voir p. 11</i> (Président : R. MacKenzie, Président, ACP)	BioSciences 1101 (cap. 450)	10 h 15 11 h 15

Monday May 29

TIME	BioSciences 1102 (cap. 122)	BioSciences 1103 (cap. 122)	Botterell B139 (cap. 107)
	M2-1 Physics of Materials (DCMMP) Physique des matériaux (DPMCM) Chair/Prés. : Bruce Gaulin, McMaster University	M2-2 Laser-plasma interactions (DPP/DAMOPC) Interactions laser-plasma (DPP/DPAMPC) Chair/Prés. : Lora Ramunno, University of Ottawa	M2-3 Precision Frontier (PPD) Frontière de précision (PPD) Chair/Prés. : Kevin Graham, Carleton University
11:30	(G)* Silber, Reynold <i>Electrical Resistivity of Molten Ni at High Pressures and Comparison with Preliminary Results on Liquid Fe</i>	(I) Webster, Paul <i>Laser Depth Dynamics Inc. – Talk title TBA</i>	(G)* Pikhartova, Helena <i>Monitoring Beam Backgrounds at Belle II with Scintillator Detectors</i>
11:45	(G) Hassanpour, Amir <i>Optical and Structural Properties of Arrays of Mn-doped ZnO Nanorods Prepared by a Low Temperature Hydrothermal Method</i>		(G)* Beaulieu, Alexandre <i>Early results for the phase 1 of BEAST-II experiment at SuperKEKB</i>
12:00	(G)* Azodi, Goldnaz <i>Single Photon Source from Quantum Dots Modulated by Surface Acoustic Waves</i>	(I) Guay, Jean-Michel <i>Painting without paint via laser-induced plasmonic nanostructuring</i>	(G)* Ahmed, Waleed <i>Material Studies for the Belle-II experiment</i>
12:15	(G)* Khajehpour Tadavani, Somayeh <i>Electrohydrodynamics-driven droplet dynamics in an oil-in-oil emulsion</i>		(G)* Miller, Caleb <i>Monitoring thermal neutron backgrounds at superKEKB with ³He proportional counters</i>
	Session Ends <i>Fin de la session</i>	Session Ends <i>Fin de la session</i>	Session Ends <i>Fin de la session</i>
12:30 – 13:30	Botterell B143 (cap. 107)	Commercial Publisher Workshop with Nelson Education (Chair: Don Mathewson, Kwantlen Polytechnic University)	
	Botterell B139 (cap. 107)	CINP AGM (Chair: Donna Strickland, Director, Academic Affairs, CAP)	
	BioSciences 1102 (cap. 122)	A Look Ahead: The Future of the Physics Community in Canada and the Fundamental Science Review (Chair: Kristin Poduska, Director, Science Policy, CAP) – ends at 14h00 –	
	Leonard Dining Hall	Lunch in Cafeteria (pre-purchased tickets required)	

Lundi le 29 mai

Botterell B143 (cap. 107)	Botterell B147 (cap. 105)	HEURE
M2-4 General Relativity I (DTP) Relativité générale I (DPT) Chair/Prés. : Robert Mann, University of Waterloo	M2-5 Nuclear Astrophysics (DNP) Astrophysique nucléaire (DPN) Chair/Prés. : Barry Davids, TRIUMF	
(I) Bond, Richard <i>The Inflation Phenomenology of Primordial Phonons, Gravitons, Isocons, and Dilatons with the CMB and LSS, past, present, and future</i>	(I) Chen, Alan Nova nucleosynthesis from phosphorus to the endpoint	11 h 30
		11 h 45
Edery, Ariel <i>Coleman-Weinberg mechanism in a gravitational Weyl invariant theory</i>	(I) Côté, Benoit <i>Connecting Nuclear Astrophysics to Cosmological Structure Formation</i>	12 h 00
Faraoni, Valerio <i>Black holes and wormholes subject to conformal mappings</i>		12 h 15
Session Ends <i>Fin de la session</i>	Session Ends <i>Fin de la session</i>	
Atelier d'éditeurs commerciaux avec Nelson Education (Président: Don Mathewson, Kwantlen Polytechnic University)	Botterell B143 (cap. 107)	12 h 30 13 h 30
AGA de l'ICPN	Botterell B139 (cap. 107)	
Prospective: l'avenir de la communauté de physique au Canada et la revue de la science fondamentale (Présidente: Kristin Poduska, Directrice, Politique Scientifique, ACP) - se termine à 14h00 -	BioSciences 1102 (cap. 122)	
Dîner à la cafeteria (billets acheter en avance requis)	Leonard Dining Hall	

Monday May 29

TIME	BioSciences 1102 (cap. 122)	BioSciences 1103 (cap. 122)
	M3-1 Soft Matter (DCMMP/SMC17) Matière molle (DPMCM/MMC17) Chair/Prés. : Barbara Frisken, Simon Fraser University	M3-2 Photonics: Devices (DAMOPC/DCMMP) Photonique: dispositifs (DPAMPC/DPMCM) Chair/Prés. : Adriana Predoi-Cross, Alberta
13:30	(G)* Mahmoudi, Pendar <i>Entropic segregation of short chains to the surface of a polydisperse melt</i>	(I) Wang, Xihua <i>Micro/nanostructure engineering for light management in thin-film solar cells</i>
13:45	(G)* Schulman, Rafael <i>Elastocapillary bending of microfibers around liquid droplets</i>	
14:00	(G)* Davis-Purcell, Ben <i>Snakes and labyrinths: instability driven pattern formation in thin elastic films.</i>	(I) Das, Gautam <i>Application of lasers in gas and chemical sensing</i>
14:15	(G)* Fortais, Adam <i>Spontaneous elastocapillary deformations driving the formation of 2D microcoils</i>	
14:30	(G)* Niven, John <i>Capillary Levelling of Cylindrical Holes in Freestanding Polymer Films</i>	(G)* Carlson, Chelsea <i>Exploiting broadband light-matter interactions using disordered photonic crystals for enhancing solar cell collection efficiencies</i>
14:45	(G)* Ono-dit-Bipot, Jean-Christophe <i>Rearrangement of 2D clusters of droplets under compression: transition from crystal to glass</i>	Sharma, Chetna <i>Theoretical and experimental investigation on the formation of plasmonic nanostructure on a tapered optical fiber</i>
	Session Ends Fin de la session	
15:00 – 15:30	BioSciences Atrium	Health Break

Lundi le 29 mai

Botterell B139 (cap. 107)	Botterell B143 (cap. 107)	HEURE
M3-3 Cosmic Messengers (PPD/DNP/DTP) Messagers cosmiques (PPD/DPN/DPT)	M3-4 Medical Imaging (DPMB) Imagerie médicale (DPMB)	
Chair/Prés. : Steven Robertson, McGill University	Chair/Prés. : Luc Beaulieu, Université Laval	
(G)* Plante, Arthur <i>Dark Matter Search Results of the PICO experiment in the Effective Field Theory Context</i>	(I) Desjardins, Michèle <i>Shedding light on the brain: multimodal imaging from two-photon microscopy to fMRI-BOLD</i>	13 h 30
Arnaud, Quentin <i>Final results on the search for low-mass WIMPs with the NEWS-G experiment</i>		13 h 45
Fallows, Scott <i>WIMP Search at Low Energy Threshold with PICO-60 C3F8</i>	(G)* Abeyasinghe, Pubuditha <i>Generalized Ising model and the dimensionality of the Brain</i>	14 h 00
Robinson, Alan <i>Prospects and Challenges for the Detection of MeV- scale Dark Matter</i>	(G)* Hymers, Devin <i>Methods for improving accuracy in interaction vertex imaging</i>	14 h 15
(G)* Ng, Keith <i>Distinguishing the Schwarzschild black hole from the RP3 geon using local measurements</i>	Martin, Melanie <i>Inferring sizes of compartments using oscillating gradient spin echo magnetic resonance imaging</i>	14 h 30
(G) Percy, Spencer <i>Two Photon Absorption</i>	Whelan, Bill <i>Optoacoustic Characterization of Hepatic and Renal Vasculature</i>	14 h 45
Session Ends <i>Fin de la session</i>	Session Ends <i>Fin de la session</i>	
Pause Santé		BioSciences Atrium
		15 h 00 15 h 30

Monday May 29

TIME	BioSciences 1102 (cap. 122)	BioSciences 1103 (cap. 122)
	M4-1 Condensed Matter Theory (DCMMP/DTP) Théorie de la matière condensée (DPMCM/DPT) Chair/Prés. : Svetlana Barkanova, MUN	M4-2 Atomic and Molecular Spectroscopy: Microwave to X- ray (DAMOPC) Spectroscopie atomique et moléculaire: des micro-ondes aux rayons X (DPAMPC) Chair/Prés. : Gautam Das, Lakehead University
15:30	(I) Curnoe, Stephanie <i>Anisotropic exchange interactions in pyrochlore magnets</i>	(G)* Arifuzzaman, Md <i>Self- and Air-Broadened Line Parameters of Methane in the 4100- 4300 Wavenumbers Range</i>
15:45		(G)* Bondy, Aaron <i>Theory of Ejected Electron Recoil Momentum in the Beta Decay of the Halo Nucleus He-6</i>
16:00	Liu, Gang <i>Extended Dynamical Equations of the Period Vectors of Crystals under Constant External Stress to Many-body Interactions</i>	(I) Predoi-Cross, Adriana <i>Spectroscopic Study of Co in the Fundamental Band Over a Range of Temperatures From 296 To 79 K</i>
16:15	(G)* Przedborski, Michelle <i>Solitary waves become localized modes in granular chains with soft grains</i>	
16:30	(G)* Navaeipour, Parvin <i>Optimized Third Harmonic THz Generation from Graphene in a Parallel Plate Waveguide</i>	(G)* Manalo, Jacob <i>Tune-out Wavelength for the $\{1s2s\}^3S - 1s3p\}^3P$ Transition of helium: relativistic effects</i>
16:45	Cui, Xiaoyu <i>Introduction of Angular resolved photoemission spectroscopy at Canadian Light Source Inc.</i>	(G)* Mostamand, Maryam <i>Laser resonance ionization spectroscopy of astatine</i>
17:00	(G)* Qu, Hang <i>Sideband generation in moving photonic crystals</i>	Session Ends Fin de la session
	Session Ends Fin de la session	
17:30 - 18:00	BioSciences 1101 (cap. 450)	Paul François, McGill University (CAP Herzberg Medal Recipient) (Chair: R. MacKenzie, CAP President)
18:00 - 19:15	Leonard Dining Hall	Welcome BBQ Reception
19:30 - 20:30	Isabel Bader Centre for Performing Arts (cap. 400)	Herzberg Memorial Public Lecture Arthur B. McDonald, Queen's University <i>Deep, Dark Questions: Neutrinos and Dark Matter at SNO and SNOLAB</i> See pg. 9 for details Followed by a reception

Lundi le 29 mai

Botterell B139 (cap. 107)	Botterell B147 (cap. 105)	New Medical Building 255 (cap. 15)	HEURE
M4-3 Dark Matter I (PPD) Matière sombre I (PPD) Chair/Prés. : Steven Robertson, McGill University	M4-4 Nuclear Structure I (DNP) Structure nucléaire I (DPN) Chair/Prés. : Kumar Sharma, University of Manitoba	CAP-NSERC Liaison Committee Meeting Réunion du comité de liaison ACP-CRSNG	
(G)* Ghaith, Muad <i>Towards an Infrared Photon Based Calibration of Super Cryogenic Dark Matter Search (SuperCDMS) Detectors</i>	(I) Atar, Leyla <i>Quasi-free Proton Knockout Reactions on the Oxygen Isotopic Chain</i>		15 h 30
(G)* Stukel, Matthew <i>Investigation of Large Area Avalanche Photodiodes for the Experimental measurement of the Electron Capture decay of 40K: KDK Project</i>			15 h 45
(G)* Clark, Mike <i>Low-temperature studies of the scintillation of pure Cesium Iodide for cryogenic scintillator detectors</i>	Starosta, Krzysztof <i>Doppler shift lifetime measurements using the TIGRESS Integrated Plunger at ISAC- II/TRIUMF</i>		16 h 00
(G)* Brossard, Alexis <i>Sensor optimisation and gas quality analysis for spherical gas detector operation.</i>	(G)* Williams, Jonathan <i>Implementation of the Doppler Shift Attenuation Method using TIP/TIGRESS at TRIUMF</i>		16 h 15
(G)* Durnford, Daniel <i>Calibration schemes for Spherical Gas Detectors</i>	(I) Ali, Fuad <i>Shape Coexistence in the Proton-Unbound Nucleus ^{177}Au</i>		16 h 30
(G)* LeBlanc, Alexandre <i>Bubble growth studies in superheated liquids for the PICO experiment</i>			16 h 45
(G)* McLaughlin, Joseph <i>Corrections to Signal Saturation in DEAP- 3600</i>			17 h 00
Session Ends <i>Fin de la session</i>	Session Ends <i>Fin de la session</i>		
Paul François, Université McGill (Récipiendaire de la médaille Herzberg de l'ACP) (Président : R. MacKenzie, Président de l'ACP)			BioSciences 1101 (cap. 450)
Réception d'accueil avec BBQ		Leonard Dining Hall	18 h 00 - 19 h 15
Conférence commémorative publique Herzberg Arthur B. McDonald, Université Queen's <i>Questions profondes, noires : les neutrinos et la matière noire à l'ONS et à SNOLAB</i> Voir p. 10 pour les détails Suivi d'une réception		Isabel Bader Centre for Performing Arts (cap. 400)	19 h 30 - 20 h 30

Tuesday, May 30

07:30 - 09:00	BioSciences 2109 (cap. 30)	CAP Science Policy Committee Breakfast Meeting (Chair: K. Poduska, Director, Science Policy, CAP)
08:00-17:15	Bioscience 1120, then Ellis 333 (cap. 50)	Teachers' Day - see pg. 15 for details (chair: James Fraser, Queen's University)
TIME	BioSciences 1102 (cap. 122)	BioSciences 1103 (cap. 122)
	T1-1 Soft Matter and Polymers (DCMMP) Matière molle et polymères (DPMCM) Chair/Prés. : An-Chang Shi, McMaster University	T1-2 Nonlinear and Quantum Optics (DAMOPOC) Optique non linéaire et quantique (DPAMPC) Chair/Prés. : Amar Vutha, University of Toronto
08:00	(G)* Altal, Faleh <i>The Doping Structure of a Polymer Electrochemical Cell P-N Junction: An Optical Scanning Measurement and Numerical Study</i>	(G) Légaré, Catherine <i>Probing ultrafast optical demagnetization with an HHG source</i>
08:15	(G)* Getangama, Nuwansiri <i>Electrical and mechanical properties of polymer nanocomposites</i>	(G)* Angelatos, Gerasimos <i>Quantum noise in excitable laser systems</i>
08:30	(I) Chen, Jeff Z. Y. <i>Identifying polymer states by machine learning</i>	(G)* Mazaheri, Leila <i>Dependence of spontaneous surface relief gratings formation on the incidence angle and the polarization of the pump beam</i>
08:45	Lai, Chi To <i>Stabilizing Various Bicontinuous Morphologies via Polydispersity of Diblock Copolymers</i>	Xu, Li-Hong <i>Ab Initio Calculations of Torsionally Mediated Hyperfine Splittings in E States of Acetaldehyde</i>
	Session Ends Fin de la session	Session Ends Fin de la session
09:15 - 09:45	BioSciences 1101 (cap. 405)	Martin Williams, University of Guelph Teaching Undergraduate Physics Medal Recipient - see pg. 11 (chair: R. Mackenzie, chair, CAP)
09:45 - 10:15	BioSciences Atrium	Health Break
10:15 - 11:15	BioSciences 1101 (cap. 450)	NSERC Updates (Chair: Donna Strickland, Director, Academic Affairs, CAP)

mardi 30 mai

Petit déjeuner-rencontre du Comité de la politique scientifique de l'ACP (Présidente : K. Poduska, Directrice, politique scientifique, ACP)		BioSciences 2109 (cap. 30)	07 h 30 - 09 h 00
Journée des enseignants - voir p. 15 pour les détails (président : James Fraser, Queen's University)		Ellis 333 (cap. 50)	08 h 15 - 17 h 15
Botterell B139 (cap. 107)	Botterell B143 (cap. 107)	HEURE	
T1-3 Energy Frontier: Standard Model, Top and Higgs (PPD) Frontière d'énergie: modèle standard, quark top et Higgs (PPD) Chair/Prés. : Isabel Trigger, TRIUMF	T1-4 Gravity and Cosmology (DTP) Gravité et cosmologie (DPT) Chair/Prés. : Mark Walton, Univ. of Lethbridge		
(I) Bellerive, Alain <i>Higgs boson physics with the ATLAS experiment at the LHC</i>	Dasgupta, Arundhati <i>Entropy in Quantum Gravity</i>	08 h 00	
		08 h 15	
(G)* Claude, Jerome <i>Search for a doubly charged Higgs boson through vector boson scattering in the Georgi-Machacek model with the ATLAS detector at the LHC</i>	(G)* Smith, Alexander <i>Time and the Hamiltonian Constraint</i>	08 h 30	
(G)* Mori, Daniel <i>Search for Higgs production in association with a top quark pair in the H->bb final state</i>	(G)* Ahmadzadegan, Aida <i>Strong transient modulation of horizon radiation</i>	08 h 45	
Session Ends <i>Fin de la session</i>	Session Ends <i>Fin de la session</i>		
Martin Williams, Université de Guelph Récipiendaire de la médaille de l'enseignement de la physique au premier cycle - voir p. 11 (chair: R. Mackenzie, chair, CAP)		BioSciences 1101 (cap. 450)	09 h 15 - 09 h 45
Pause Santé		BioSciences Atrium	09 h 45 - 10 h 15
Mises-à-jour du CRSNG (Présidente: Donna Strickland, Directrice, affaire académiques, ACP)		BioSciences 1101 (cap. 450)	10 h 15 - 11 h 15

Tuesday, May 30

TIME	BioSciences 1102 (cap. 122)	BioSciences 1103 (cap. 122)	Botterell B139 (cap. 107)
	T2-1 Computational and Theoretical Condensed Matter (DCMMP) Matière condensée numérique et théorique (DPMCM) Chair/Prés. : Erik Sorensen, McMaster University	T2-2 Precision Measurements (DAMOPC) Mesures de précision (DPAMPC) Chair/Prés. : Michael Bajscy, University of Waterloo	T2-3 Testing Fundamental Symmetries I (DTP/PPD/DNP) Tests de symétries fondamentales I (DPT/PPD/DPN) Chair/Prés. : Svetlana Barkanova, MUN
11:30	(G)* Maciejko, Joseph <i>Universality of low-energy Rashba scattering</i>	(I) Vutha, Amar <i>Optical atomic clocks for gravitational wave physics</i>	(I) Erler, Jens <i>Electroweak Precision Measurements</i>
11:45	(G)* Azizi, Hossein <i>Analysis of thermos-diffusive cellular instabilities in continuum combustion fronts</i>		
12:00	Wortis, Rachel <i>Seeing the strongly-correlated zero-bias anomaly in double quantum dot measurements</i>	(G) Jackson, Shira <i>Progress towards a portable two-photon optical clock</i>	(G)* Ozdal, Ozer <i>Muon $g-2$ in an Alternative Quasi-Yukawa Unification with Low Fine-Tuned Inverse SeeSaw Mechanism</i>
12:15	(G)* Dawson, Sarah <i>String method study of heterogeneous nucleation in block copolymers</i>	(G)* Sawaoka, Hiromitsu <i>Testing the feasibility of a solid-state system for a T-violation search experiment</i>	(G)* Araz, Jack <i>Differentiating $U(1)^\prime$ Supersymmetric Models With Right Sneutrino & Neutralino Dark Matter</i>
	Session Ends <i>Fin de la session</i>	Session Ends <i>Fin de la session</i>	Session Ends <i>Fin de la session</i>
12:30 - 13:30	BioSciences 1103 (cap. 122)	DAMOPC Annual Meeting / Assemblée annuelle DPAMC (Chair/Président: Paul Barclay, chair/président DAMOPC/DPAMC)	
	BioSciences 1120 (cap. 48)	DASP Annual Meeting / Assemblée annuelle DPAE (Chair/Président: Johnathan Burchill, chair/président DASP/DPAE)	
	Botterell B139 (cap. 107)	DNP Annual Meeting Assemblée annuelle DPN (Chair/Président: Reiner Kruecken chair/président, DNP/DPN)	
	Leonard Dining Hall	Lunch	

Mardi le 30 mai

Botterell B143 (cap. 107)	Botterell B147 (cap. 105)	HEURE
<p>T2-4 Mathematical Biology (DPMB) Biologie mathématique (DPMB)</p> <p>Chair/Prés. : Christopher Bergevin, York University</p>	<p>T2-5 Tokamak Experiments: Transmission Highlights in Communications (DIMP/DIAP) Expériences Tokamak: repères de transmission dans les communications (DPIM/DPIA)</p> <p>Chair/Prés. : René Roy, Université Laval</p>	
<p>(I) Jankowski, Hanna <i>Bayesian songbird flightpath recovery in the presence of errors</i></p>	<p>(I) Delage, Michel <i>Tokamak compression experiments at General Fusion</i></p>	<p>11 h 30</p>
		<p>11 h 45</p>
<p>Shoucri, Rachad <i>An Application of Mathematical Physiology to the Study of Heart Failure</i></p>	<p>Session Ends Fin de la session</p>	<p>12 h 00</p>
<p>(G)* Blahut, Kenneth <i>Quantifying the relative contribution of transmission via free virus versus cell-to-cell to the propagation of a hepatitis C virus infection in vitro</i></p>		<p>12 h 15</p>
<p>Session Ends Fin de la session</p>		
<p>DPMB Annual Meeting / Assemblée annuelle DPMB (Chair/Président: Christopher Bergevin, chair/président DPMB)</p>	<p>Botterell B143 (cap. 107)</p>	<p>12 h 30 - 13 h 30</p>
<p>DPP Annual Meeting / Assemblée annuelle DPP (Chair/Présidente: Lora Ramunno, chair/présidente DPP)</p>	<p>Miller Hall 105 (cap. 101)</p>	
<p>IPP Scientific Council Meeting / Réunion du comité scientifique de l'IPP (Chair/Président: Michael Roney, University of Victoria)</p>	<p>New Medical 255 (cap. 30)</p>	
<p>New Faculty Lunch Meeting with NSERC Dîner-rencontre des nouveaux professeurs avec le CRSNG</p>	<p>BioSciences 1120 (cap. 48)</p>	

Tuesday, May 30

TIME	BioSciences 1102 (cap. 122)	BioSciences 1103 (cap. 122)	Botterell B139 (cap. 107)	Botterell B143 (cap. 107)
	<p>T3-1 Geometrically Frustrated Materials (DCMMP) Matériaux géométriquement frustrés (DPMCM)</p> <p>Chair/Prés. : Jeff Quilliam, Université de Sherbrooke</p>	<p>T3-2 Quantum and Nano-Photonics I (DAMOPC) Photonique quantique et nanoscopique I (DPAMPC)</p> <p>Chair/Prés. : Kazi Rajibul Islam, Univ. of Waterloo</p>	<p>T3-3 Dark Matter II (PPD) Matière sombre II (PPD)</p> <p>Chair/Prés. : Steven Robertson, McGill Univ.</p>	<p>T3-4 Mathematical Physics (DTP) Physique mathématique (DPT)</p> <p>Chair/Prés. : Jolanta Lagowski, MUN</p>
13:30	<p>(I) Imai, Takashi <i>Single crystal NMR investigation of $S = 1/2$ kagome Heisenberg antiferromagnet</i></p>	<p>(I) Ghose, Shohini <i>Self-assisted complete maximally hyperentangled state analysis via the cross-Kerr nonlinearity</i></p>	<p>(G)* Stone, Connor <i>Fiducialization in DEAP-3600 using machine learning algorithms with robust validation</i></p>	<p>(I) Marzlin, Karl-Peter <i>Causal perturbation theory in quantum optics</i></p>
13:45			<p>(G)* Scallon, Olivia <i>Simulations of the Muon Veto for the PICO Experiment</i></p>	
14:00	<p>(G)* Lee, Jeonghun <i>Thermodynamic and transport properties of single crystal YbNi4Cd</i></p>	<p>(I) Ragan, Chitran <i>Quantum Control of Hybrid Atom-Plasmonic Systems</i></p>	<p>(G)* Squibb, Robert <i>Effect of atmosphere on fractures as a background in scintillators</i></p>	<p>(G)* Laporte, Philippe <i>Compact formulas for the first and second order relativistic corrections to the isotropic quantum harmonic oscillator valid in any dimension</i></p>
14:15	<p>(G)* Way, Andrew <i>Continuous Degeneracy and Magnetization Process in the 3D FCC Kagome Lattice with the Dipole-Dipole Interaction</i></p>		<p>(G)* Broerman, Benjamin <i>Sample Measurements from the Wavelength Shifter Deposition in DEAP-3600</i></p>	
14:30	<p>(G)* Li, Ming <i>Magnetic phase transitions and magnetoelastic coupling in Ba₃CoSb₂O₉</i></p>	<p>(G)* Sang-Nourpour, Nafiseh <i>Characterizing Surface Plasmon Polaritons Propagation at Lossy Interfaces</i></p>	<p>(G)* Semenec, Ingrida <i>The AmBe source for the SNO+ detector calibration</i></p>	<p>Walton, Mark <i>Weyl orbit functions and conformal field theory</i></p>
14:45	<p>Clancy, Patrick <i>Investigating the Potential Verwey Transition in Pb₃Rh₇O₁₅ with Synchrotron X-rays</i></p>	<p>(G) Skorobogatiy, Maksim <i>Squeezed hollow-core photonic Bragg fiber for surface sensing applications</i></p>	<p>(G)* Barnard, Zachariah <i>Water Phase Energy Calibration in SNO+</i></p>	<p>Valluri, S. R. <i>The anomalous magnetic moment of a photon propagating in a magnetic field</i></p>
15:00	<p>Session Ends <i>Fin de la session</i></p>	<p>Session Ends <i>Fin de la session</i></p>	<p>Session Ends <i>Fin de la session</i></p>	<p>Session Ends <i>Fin de la session</i></p>
15:00 - 15:30	<p>BioSciences Atrium Health Break</p>			

Mardi le 30 mai

Bottrell B147 (cap. 105)	BioSciences 1120 (cap. 48)	Miller Hall 105 (cap. 101)	Humphrey Hall 102 (cap. 221)	HEURE
T3-5 Hadronic Structure (DNP) Structure hadronique (DPN) Chair/Prés. : Sangyong Jeon, McGill University	T3-6 Creating Thriving Physics Programs (DPE) Créer de vigoureux programmes de physique (DEP) Chair/Prés. : D. Ahrensmeier, Simon Fraser University	T3-7 Soft Matter and Molecular Dynamics (DPMB) Matière molle et dynamique moléculaire (DPMB) Chair/Prés. : Francis Lin, University of Manitoba	T3-8 CEWIP Panel Discussion Table Ronde CEFEP Chair/Prés. : Shohini Ghose, Wilfrid Laurier University	
(I) Lewis, Randy <i>Lattice QCD results for doubly heavy tetraquarks</i>	Predoi-Cross, Adriana <i>Learning physics using multimedia resources</i>	(I) Slater, Gary W. <i>Polymer translocation: some surprising physics learned from Molecular Dynamics Simulations</i>	Diversity in physics: Strengthening excellence through equity and inclusivity In December 2015, during oral arguments in a US Supreme Court case on affirmative action policies in university admissions, Chief Justice John Roberts asked the controversial question "What unique perspective does a minority student bring to a physics class?" This panel discussion will focus on what it means to be a member of a minority or under-represented group in physics, how diversity impacts physics in Canada, and what we can do to build an inclusive and equitable physics community that can enhance physics research and development in Canada.	13 h 30
	(G)* Stiles-Clarke, Laura <i>What makes students choose a physics major, or not?</i>			13 h 45
Huber, Garth <i>New Perspectives on the Charged Pion Form Factor</i>	Harlow, Jason <i>Personality Types and Student Performance in an Introductory Physics Course</i>	(G)* Alsop, Richard <i>Curcumin Protects Lipid Membranes</i>		14 h 00
Papandreou, Zisis <i>First Physics Results from the GlueX Experiment</i>	(I) Meyer, Chris <i>Revolutions in Teaching Physics: Build a Better Teacher, Build a Better Student</i>	(G)* Chapman, Mindy <i>Non-specific side effects of the steroidal hormones found in oral contraceptives on lipid membranes</i>		14 h 15
(G)* Basnet, Samip <i>π^+ Electroproduction at High t</i>		(G)* Bagheri, Mehran <i>Role of the variable domain in Drp1 protein assembly: a simulation study</i>		14 h 30
(G)* Verma, Anish <i>The Nuclear Delta Force in Quadrupole Deformed Nuclei</i>	Session Ends <i>Fin de la session</i>	(G) Khondker, Adree <i>Membrane Cholesterol Protects Against Polymyxin B Nephrotoxicity in Renal Membrane Analogues</i>		14 h 45
Session Ends <i>Fin de la session</i>		Session Ends <i>Fin de la session</i>		Session Ends <i>Fin de la session</i>
Pause Santé			BioSciences Atrium	15 h 00 - 15 h 30

Tuesday, May 30

TIME	BioSciences 1102 (cap. 122)	BioSciences 1103 (cap. 122)	Botterell B139 (cap. 107)	Botterell B143 (cap. 107)
	T4-1 Thin Films (DCMMP) Couches minces (DPMCM) Chair/Prés. : Bill Atkinson, Trent University	T4-2 Cold and Trapped Atoms, Molecules and Ions (DAMOPC) Atomes, molécules et ions froids et piégés (DPAMPC) Chair/Prés. : Chitra Rangan, Windsor University	T4-3 Energy Frontier: Detectors and Future Developments (PPD) Frontière d'énergie: détecteurs et développements futurs (PPD) Chair/Prés. : Alain Bellerive, Carleton University	T4-4 General Relativity II (DTP) Relativité générale II (DPT) Chair/Prés. : Ariel Ederly, Bishop's University
15:30	(G)* Azari, Mohammadhadi <i>Gate-tunable valley currents, non-local resistances and valley accumulation in bilayer graphene nanostructures</i>	(I) Bajcsy, Michal <i>Laser-cooled atoms in fiber-integrated cavities</i>	(I) Trigger, Isabel <i>Upgrading the ATLAS detector for a long and luminous career</i>	(I) Faraoni, Valerio <i>Foliation dependence of black hole apparent horizons in spherical symmetry</i>
15:45	(G) Northeast, David <i>Membrane materials in superconducting electromechanical circuits</i>			
16:00	(G)* Chaudhuri, Arnab <i>Nonlinear response of nano-electro-mechanical graphene resonators fabricated by chemical vapour deposition</i>	(G)* Vashishta, Manish <i>Magnetic Trapping of Cold Methyl Radicals</i>	(I) Ducu, Otilia Anamaria <i>ATLAS Searches (SUSY+Exotics)</i>	(G) Belknap-Keet, Shawn <i>Revisiting the Brans solutions of scalar-tensor gravity</i>
16:15	(G)* Gaudet, James <i>Using Positron Annihilation to Observe the Evolution of a System of Interacting Silicon Quantum Dots</i>	(I) Islam, Kazi Rajibul <i>Quantum simulation with laser-cooled trapped ions</i>	(I) Kuwertz, Emma Sian <i>Operation & Performance of the ATLAS Detector</i>	(G)* Hennigar, Robie <i>Superfluid black holes</i>
16:30	(G)* Groome, Ryan <i>First experimental measurement of the speed distribution of ballistically-evaporated atoms</i>			(G)* Kumar, Vineet <i>Exact wormhole solutions in Einstein-Maxwell theory</i>
16:45	(G)* Ezugwu, Sabastine <i>Nanoscale Thermal and Electronic Properties of Thin Films of Graphene and Organic Polyradicals</i>	(I) Bitter, Martin <i>DAMOPC Thesis Prize Winner</i> <i>Quantum coherent control of laser-kicked molecular rotors</i>	(G)* Leger, Felix <i>Studies of cosmic ray events in ATLAS sTGC muon chamber prototypes</i>	Plamondon, Réjean <i>On the rotation of celestial bodies: an emerging phenomenon.</i>
17:00	(G)* Cadogan, Carolyn <i>Optical and Electrical Properties of Self-Assembled Silicon Nanoclusters</i>			Paranjape, Manu <i>Black Hole Graviton Laser TIME BOMB!</i>
	Session Ends <i>Fin de la session</i>	Session Ends <i>Fin de la session</i>	Session Ends <i>Fin de la session</i>	Session Ends <i>Fin de la session</i>
17:15 – 17:30	BioSciences 1101 (cap. 450)	CAP President's Report (chair : R. MacKenzie, President, CAP)		
17:30 – 19:00	BioSciences 1101 (cap. 450)	CAP Annual General Meeting with election of Board and Advisory Council members (chair : R. MacKenzie, President, CAP)		
19:00 – 21:00	Goodwin 254 (cap. 30)	CEWIP Annual Meeting and Reception (chair: Shohini Ghose, Chair, CEWIP)		
	BioSciences 1120 (cap. 30)	Professional Practice Development (chair: Michael O'Neill, Director, Professional Affairs, CAP)		
	BioSciences 2111 (cap. 30)	Friends of CAP Dinner and Meeting (chair: R. MacKenzie, President, CAP)		
	New Medical 255 (cap. 48)	Outreach "Tête-à-tête" (chair /présidente : Samantha Kuula, Member/membre, Communications Cttee des communications)		

Mardi le 30 mai

Botterell B147 (cap. 105)	BioSciences 1120 (cap. 48)	Miller Hall 105 (cap. 101)	HEURE
T4-5 Nuclear Structure II (DNP) Structure nucléaire II (DPN) Chair/Prés. : Reiner Krucken, TRIUMF	T4-6 DASP General Contributions I (DASP) DPAE: contributions générales I (DPAE) Chair/Prés. : Johnathan Burchill, University of Calgary	T4-7 Biomechanics and Fluid Dynamics (DPMB) Biomécanique et dynamique des fluides (DPMB) Chair/Prés. : Francis Lin, University of Manitoba	
(I) Sharma, Kumar <i>The determination of the masses of neutron-rich nuclides using the CPT mass spectrometer at CARIBU</i>	(I) Thomson, David <i>"Peculiarities" in Geomagnetism and Magnetotellurics</i>	(I) Ren, Carolyn <i>Droplet Microfluidics for High Throughput Screening - Fundamentals and Applications</i>	15 h 30
			15 h 45
(I) Whitmore, Kenneth <i>Recent Results in Decay Spectroscopy with GRIFFIN</i>	Sheese, Patrick <i>ACE-FTS satellite measurements of HCN in the upper troposphere to N2O in the lower thermosphere</i>	(G)* Dhaliwal, Alex <i>Glucose Vitrifies Dehydrated Lipid Membranes</i>	16 h 00
		(G)* Barron, Boris <i>Examining the role of bias versus swimming in superdiffusion</i>	16 h 15
Dauids, Barry <i>Initial Tests of the Recoil Mass Spectrometer EMMA</i>	(G)* Cushley, Alex <i>Ionospheric Characterization Using Automatic Dependent Surveillance Broadcast (ADS-B) Signals</i>	(G)* Khondker, Adree <i>Partitioning of Caffeine in Lipid Bilayers Reduces Membrane Fluidity and Increases Membrane Thickness</i>	16 h 30
(G)* Saito, Yukiya <i>Decay Spectroscopy of Neutron-rich ^{129}Cd with GRIFFIN</i>	(G)* Silber, Reynold E. <i>On the Possibility of Constraining Bright Meteor Shock Wave Forming Altitudes – Theoretical Consideration of Relationship to Radar Observed Meteor Head Echo/Height Termination Heights in MLT</i>	Lin, Francis <i>A dual-docking microfluidic cell migration assay for testing neutrophil chemotaxis and the memory effect</i>	16 h 45
Lennarz, Annika <i>Direct measurement of the inverse kinematic shear flow in a separator</i>	St-Maurice, Jean-Pierre <i>Recent developments regarding E region irregularities</i>	Session Ends Fin de la session	17 h 00
Session Ends Fin de la session	Session Ends Fin de la session		
Rapport du président de l'ACP (président: R. MacKenzie, président, ACP)		BioSciences 1101 (cap. 450)	17 h 15 – 17 h 30
Assemblée Générale Annuelle de l'ACP avec élection des membres du CA et du conseil consultatif (président: R. MacKenzie, président, ACP)		BioSciences 1101 (cap. 450)	17 h 30 – 19 h 00
Assemblée annuelle CEFEP et réception (présidente: Shohini Ghose, chair CEFEP)		Goodwin 254 (cap. 30)	
Développement d'exercice professionnel (président : Michael O'Neill, directeur, affaires professionnelles, ACP)		BioSciences 1120 (cap. 30)	19 h 00
Souper et réunion des Ami(e)s de l'ACP (président : R. MacKenzie, président, ACP)		BioSciences 2111 (cap. 30)	– 21 h 00
CJP Editorial Board Meeting Réunion du comité de rédaction de la RCP (chair/président : Michael Steinitz, CJP director, directeur de la RCP)		Off-campus location	

Wednesday May 31

07:00 - 08:00	New Medical 255 (cap. 30)	PIC Editorial Board Meeting (chair: Béla Joòs, Editor, PiC)	
08:15 - 09:45	BioSci 2111 (cap. 30)	CAP Communications Committee Meeting (chair: Marcello Pavan, Director, Communications, CAP)	
TIME	BioSciences 1102 (cap. 122)	BioSciences 1103 (cap. 122)	Botterell B139 (cap. 107)
	W1-1 Condensed Matter at Large Facilities (DCMMP) Matière condensée aux grandes installations (DPMCM) Chair/Prés. : Graeme Luke, McMaster University	W1-2 DASP General Contributions II (DASP) DPAE: contributions générales II (DPAE) Chair/Prés. : Johnathan Burchill, University of Calgary	W1-3 Newish Faculty Workshop : A survival Toolbox (DPE) Atelier pour les nouveaux professeurs: une boîte à outils (DEP) Chair/Prés. : Martin Williams, University of Guelph
08:00	(I) Sonier, Jeff <i>Condensed matter physics studies with muons at TRIUMF</i>	James, Gordon <i>Auroral Processes Observed by e-POP</i>	Details not currently available
08:15	(I) Hawthorn, David G. <i>Resonant x-ray scattering of Quantum Materials at the Canadian Light Source</i>	Knudsen, David <i>Auroral Science with Swarm</i>	
08:30	(I) Gaulin, Bruce <i>Time-of-Flight Neutron Scattering From Exotic Quantum Ground States</i>	(G) Riegert, David <i>Accounting for the effect of Earth's rotation in magnetotelluric inference</i>	
08:45		(G)* Marshall, François <i>Detecting Solar Modes in the D-Region using a Relative Ionospheric Opacity Meter (Riometer)</i>	
09:00		(G)* Goodwin, Lindsay <i>The effect of high latitude distorted ion velocity distributions on radar and satellite observations</i>	
09:15	(I) Julian, Stephen <i>High magnetic field measurements at central facilities: a physicist walks into a bar and says "Give me a 100 tesla shot please ..."</i>	Marchand, Richard <i>Plasma induced magnetic effects on Swarm satellites</i>	
09:30		Jackel, Brian <i>Predicting lognormal distributions of geomagnetic field time derivatives</i>	
	Session Ends <i>Fin de la session</i>	Session Ends <i>Fin de la session</i>	
09:45 - 10:15	BioSciences Atrium	Health Break (with exhibitors)	
10:15 - 10:45	BioSciences 1101 (cap. 450)	Yong Baek Kim, University of Toronto CAP/DCMMP Brockhouse Medal recipient – see pg. 12 (Chair: R. MacKenzie, President, CAP)	
10:45 - 11:15	BioSciences 1101 (cap. 450)	Mark Sutton, McGill University CAP Medal for Lifetime Achievement in Physics recipient – see pg. 12 (Chair: R. MacKenzie, President, CAP)	

Mercredi le 31 mai

Réunion du comité de rédaction de <i>La Physique au Canada</i> (président : Béla Joós, rédacteur, PaC)		New Medical 255 (cap. 30)	07 h 00 08 h 00
Réunion du comité de communications de l'ACP (président : Marcello Pavan, Directeur, communications, ACP)		BioSci 2111 (cap. 30)	08 h 15 09 h 45
Botterell B143 (cap. 107)	Botterell B147 (cap. 105)		HEURE
W1-4 Biological Physics of Organisms (DPMB) Physique biologique des organismes (DPMB) Chair/Prés. : Andrew Rutenberg, Dalhousie University	W1-5 Neutrinoless Double Beta Decay (DNP/PPD/DTP) Double désintégration bêta sans neutrino (DPN/PPD/DPT) Chair/Prés. : Alex Wright, TRIUMF		
			08 h 00
(I) Ryu, William <i>Leveraging low dimensionality and stereotypy in the study of C. elegans behavior</i>	(I) Gornea, Razvan <i>Next-generation neutrino-less double beta decay search with LXe</i>		08 h 15
			08 h 30
Joós, Béla <i>A model for assessing ATP demands of sustained high frequency firing</i>	(I) Ford, Richard <i>SNO+ Experiment: Commissioning and Status</i>		08 h 45
Bergevin, Christopher <i>Overtone focusing in Tuvan throat singing</i>	(G)* Vachon, Frédéric <i>3D digital SiPM for nEXO</i>		09 h 00
Rutenberg, Andrew <i>Watching spherical cows die: the physics of human aging</i>	Maecki, Szymon <i>SNO+ Neutrinoless Double Beta Decay with an Organic Scintillator</i>		09 h 15
Hosseinizadeh, Ahmad <i>Structure and Conformation of a Virus from Single-particle X-ray Diffraction</i>	(G)* Hu, Jie <i>¹⁶N Source for the Calibration of SNO+</i>		09 h 30
Session Ends <i>Fin de la session</i>	Session Ends <i>Fin de la session</i>		
Pause Santé (avec les exposants)		BioSciences Atrium	09 h 45 10 h 15
Yong Baek Kim, Université de Toronto Récipiendaire de la médaille Brockhouse - voir p. 12 (Président: R. MacKenzie, président, ACP)		BioSciences 1101 (cap. 450)	10 h 15 10 h 45
Mark Sutton, Université McGill Récipiendaire de la médaille de l'ACP pour contributions exceptionnelles à la physique - voir p. 12 (Président: R. MacKenzie, président, ACP)		BioSciences 1001 (cap. 450)	10 h 45 11 h 15

Wednesday May 31

TIME	BioSciences 1102 (cap. 122)	BioSciences 1103 (cap. 122)	Botterell B139 (cap. 107)
	W2-1 CFREF Projects and Topology in Condensed Matter (DCMMP) Projets CFREF et topologie en matière condensée (DPMCM) Chair/Prés. : Doug Bonn, University of British-Columbia	W2-2 Quantum Optics (DAMOPEC) Optique quantique (DPAMPC) Chair/Prés. : Stephen Hughes, Queen's University	W2-3 Neutrino Physics (PPD) Physique des neutrinos (PPD) Chair/Prés. : Steven Robertson, McGill University
11:30	(G) Yerzhakov, Hennadii <i>Nematic order on the surface of a three-dimensional topological insulator</i>	(I) Kim, Na Young <i>Dynamical Microcavity Exciton-Polariton Condensates</i>	(G)* Mekarski, Pawel <i>Detecting Antineutrinos Using the SNO+ Detector</i>
11:45	Tanaka, K. <i>Spontaneous time-reversal symmetry breaking due to emergence of new order along [110] surfaces of nanoscale d-wave systems</i>		(G)* Magill, Gabriel <i>Neutrino Trident Production at the Intensity Frontier</i>
12:00	(I) Quilliam, Jeffrey <i>Institut Quantique</i>	(I) Choi, Kyung Soo <i>Building Synthetic Quantum Systems with Atoms and Photons – From Waveguide QED with Neutral Atoms to Many-Body Physics with Rydberg-Dressed Lattice Gases</i>	(G)* Wood, Tania <i>Measurement of the atmospheric neutrino flux and related key parameters at 6-180 GeV in IceCube</i>
12:15			(G)* Nowicki, Sarah <i>Direct reconstruction - an advanced event reconstruction algorithm for improved low-energy neutrino analyses with the IceCube-DeepCore detector array</i>
12:30	Session Ends <i>Fin de la session</i>	Session Ends <i>Fin de la session</i>	Session Ends <i>Fin de la session</i>
12:30 - 13:30	Leonard Dining Hall	Lunch	
	Botterell B139 (cap. 107)	PPD Annual Meeting (chair: Steven Robertson, chair, PPD)	
	BioSciences 1102 (cap. 122)	DCMMP Annual Meeting (chair: Graeme Luke, chair, DCMMP)	
	Botterell B147 (cap. 105)	DIMP-DIAP Annual Meeting (chair: Kirk Michaelian, chair, DIMP)	
	BioSciences 1103 (cap. 122)	DPE Annual Meeting (chair: Martin Williams, chair, DPE)	

Mercredi le 31 mai

Botterell B143 (cap. 107)	Botterell B147 (cap. 105)	HEURE	
<p>W2-4 Fields and Strings (DTP) Champs et cordes (DPT)</p> <p>Chair/Prés. : Rainer Dick, University of Saskatchewan</p>	<p>W2-5 Applied Physics Aspects of Medical Applications (DPMB/DIAP) Caractère physique d'applications médicales (DPMB/DPIA)</p> <p>Chair/Prés. : Luc Beaulieu, Université Laval</p>		
<p>(I) Buchel, Alex <i>Out of equilibrium dynamics of gauge theories from holography</i></p>	<p>(I) Archambault, Louis <i>Applied physics in the clinic: monitoring radiation doses delivered to cancer patients</i></p>	<p>11 h 30</p>	
		<p>11 h 45</p>	
<p>Carrington, Margaret <i>Non-perturbative calculations in scalar theories</i></p>	<p>(G)* Ke, Mengyuan <i>During eye growth, defocus reduces until optical blur is similar to the resolution of the cone photoreceptors</i></p>	<p>12 h 00</p>	
<p>(G)* Cownden, Brad <i>Modelling The Gravitational Collapse Of Scalar Fields In Anti-de Sitter Space</i></p>	<p>Linhananta, Apichart <i>Coarse-Grained Model of Fragments of Amyloid-Beta peptides</i></p>	<p>12 h 15</p>	
<p>Session Ends <i>Fin de la session</i></p>	<p>Session Ends <i>Fin de la session</i></p>	<p>12 h 30</p>	
Dîner		<p>Leonard Dining Hall</p>	
<p>Assemblée annuelle PPD (président: Steven Robertson, président, PPD)</p>			<p>Botterell B139 (cap. 107)</p>
<p>Assemblée annuelle DPMCM (président: Graeme Luke, président, DPMCM)</p>			<p>BioSciences 1102 (cap. 122)</p>
<p>Assemblée annuelle DPIM-DPIA (président: Kirk Michaelian, président DPIM)</p>			<p>Botterell B147 (cap. 105)</p>
<p>Assemblée annuelle DEP (président: Martin Williams, président, DEP)</p>			<p>BioSciences 1103 (cap. 122)</p>

Wednesday May 31

TIME	BioSciences 1102 (cap. 122)	BioSciences 1103 (cap. 122)	Botterell B139 (cap. 107)
	<p>W3-1 Teaching Physics to a Wider Audience (DPE/CEWIP) Enseigner la physique à un auditoire plus vaste (DEP/CEFEP)</p> <p>Chair/Prés. : Shohini Ghose, Wilfrid Laurier University</p>	<p>W3-2 Quantum Computing and Communication (DAMOPC/DTP/DCMMP) Calcul quantique et communications (DPAMPC/DPT/DPMCM)</p> <p>Chair/Prés. : Michael Reimer, University of Waterloo</p>	<p>W3-3 Testing Fundamental Symmetries II (DNP/PPD/DTP) Tests de symétries fondamentales II (DPN/PPD/DPT)</p> <p>Chair/Prés. : Beatrice Franke, Queen's University</p>
13:30	<p>(I) Fraser, James M. <i>Perhaps calling it the gender gap is missing the point!</i></p>	<p>(I) Wolfgang, Tittel <i>Quantum Communication across Calgary</i></p>	<p>(I) Behr, John <i>Beta decay correlations with laser-trapped 37K in the LHC era</i></p>
13:45			
14:00	<p>Walker, Tracy <i>Undergrads at a Synchrotron? Innovative Approaches To Include Research Experiences In Undergraduate Courses</i></p>	<p>(G) Grimmer, Daniel <i>Thermalization by Rapid Repeated Interactions</i></p>	<p>Menary, Scott <i>Fundamental Symmetry Tests using Trapped Antihydrogen - Recent Results and Future Plans of ALPHA</i></p>
14:15	<p>Ahrensmeier, Daria <i>A First Aid Kit for High School Teachers tasked with teaching Quantum Mechanics</i></p>	<p>(G)* Henderson, Laura <i>Entanglement Harvesting with Inertially Moving Detectors</i></p>	<p>(G)* Munich, Justine Joyce <i>Microwave spectroscopy of antihydrogen as a test of CPT symmetry</i></p>
14:30	<p>Xu, Li-Hong <i>Earth and the composition of our world – a new and highly interdisciplinary undergraduate course</i></p>	<p>Pugh, Christopher <i>Airborne Demonstration of a Quantum Key Distribution Receiver Payload</i></p>	<p>(G)* Rebenitsch, Lori <i>Cold and thermal neutron flux measurements of the cold neutron source commissioning at TRIUMF</i></p>
14:45	<p>Session Ends <i>Fin de la session</i></p>	<p>Session Ends <i>Fin de la session</i></p>	<p>(G)* Burrough, Roseanna <i>Magnetic Holding Field Coil R&D for the nEDM Experiment at TRIUMF</i></p>
			<p>Session Ends <i>Fin de la session</i></p>
15:00 – 15:30	<p>BioSciences Atrium Health Break (with exhibitors)</p>		

Mercredi le 31 mai

Botterell B143 (cap. 107)	Botterell B147 (cap. 105)	BioSciences 1120 (cap. 48)	HEURE
W3-4 Nuclear Medicine & Radiation therapy (DPMB) Médecine nucléaire et thérapie par rayonnement (DPMB) Chair/Prés. : Luc Beaulieu, Université Laval	W3-5 General Instrumentation (DIMP) Instrumentation générale (DPIM) Chair/Prés. : Kirk Michaelian, NRC	W3-6 Surface Science (DSS) Science des surfaces (DSS) Chair/Prés. : Steve Patistas, Lakehead University	
(I) Schreiner, John <i>Physics in Radiation Therapy: How the clinic influences research and research advances the clinic</i>	Westerdale, Shawn <i>In-Situ and Ex-Situ Observations of an Extremely Long-lived Tail in TPB Fluorescence Under Alpha Excitation in DEAP-3600</i>	(G)* Bumstead, Matt <i>Quantifying morphological differences between seemingly similar systems of self-assembled planar particles to evaluate the influence caused from varying experimental methods in order to achieve better control over producing patterns with a desired intermolecular structure and dispersion</i>	13 h 30
	(G) Moore, Colin <i>Veto of Signals induced by Seismicity in DEAP-3600 at SNOLAB</i>	(I) McLean, Alastair <i>Using a qPlus Sensor to probe a Delta-Doped System and a large Dipolar Molecule adsorbed on a 2DEG</i>	13 h 45
(G) Laprise-Pelletier, Myriam <i>Intratumoral injections of low-energy photon-emitting gold nanoparticles: a microdosimetry assessment</i>	(G) Guerboukha, Hichem <i>Extreme Compression in THz Fourier Imaging</i>		14 h 00
(G)* Allen, Harry <i>Detection of radiation induced changes in human lens epithelial cells using Raman spectroscopy</i>	(G)* Sinclair, Josiah <i>Weak-value amplification and optimal parameter estimation in the presence of correlated noise.</i>	Gallagher, Mark <i>The self-assembly of halogenated molecules on the Si(111) $\sqrt{3}\times\sqrt{3}$-Ag surface</i>	14 h 15
Elhami, Esmat <i>Validating Tc-99m Radiopharmaceuticals produced from non-conventional Mo supplies</i>	(G)* Nolet, Frederic <i>3D Digital SiPM with High Single Photon Timing Resolution for Radiation Instrumentation and Photon Science</i>	Girt, Erol <i>Antiferromagnetic coupling strength between Co films across NiRu, CoRu, and FeRu</i>	14 h 30
Session Ends <i>Fin de la session</i>	(G)* Domingo, Thomas <i>Gamma-ray spectroscopy at SFU: applications in environmental monitoring and neutron activation analysis</i>	Girt, Erol <i>Spin transfer torque switching in nano-pillars with SAF reference layer</i>	14 h 45
	Session Ends <i>Fin de la session</i>	Session Ends <i>Fin de la session</i>	
Pause Santé (avec exposants)		BioSciences Atrium	15 h 00 - 15 h 30

Wednesday May 31 (continued)

TIME	BioSciences 1102 (cap. 122)	BioSciences 1103 (cap. 122)	Botterell B139 (cap. 107)
	<p>W4-1 Quantum Materials & CFREF Projects (DCMMP) Matériaux quantiques et projets CFREF (DPMCM)</p> <p>Chair/Prés. : Graeme Luke, McMaster University</p>	<p>W4-2 Quantum and Nano-Photonics II (DAMOPEC) Photonique quantique et nanoscopique II (DPAMPC)</p> <p>Chair/Prés. : Na Young Kim, Waterloo University</p>	<p>W4-3 Advances in Nuclear and Particle Physics Theory (DTP/PPD/DNP) Progrès en physique nucléaire et en physique des particules théoriques (DPT/PPD/DPN)</p> <p>Chair/Prés. : Aleksanders Aleksejevs, MUN</p>
15:30	<p>Malcom, John DCMMP PhD Thesis Award Winner <i>The role of pseudospin in the optical and electronic properties of relativistic materials</i></p>	<p>(I) Hugues, Stephen <i>Coupling localized spin excitons to an anisotropic nanophotonic vacuum</i></p>	<p>(I) Sandapen, Ruben <i>The holographic Schrodinger Equation</i></p>
15:45	<p>(I) Cory, David <i>Spin Orbit States of Neutron Beams</i></p>		
16:00		<p>Joshua, Trevisanutto <i>Plasmonic nanostructure for the detection of chemicals</i></p>	<p>Harnett, Derek <i>Masses of D-Hybrids from QCD Sum-Rules</i></p>
16:15	<p>(I) Bonn, Doug <i>Introduction to the Stewart Blusson Quantum Matter Institute</i></p>	<p>(I) Reimer, Michael <i>Nanoscale source of bright entangled photon pairs</i></p>	<p>(G) Earl, Kevin <i>LHC phenomenology of supersymmetric models with a U (1)R baryon number</i></p>
16:30			<p>Ahmady, Mohammad <i>Dynamical spin effects in predicting pion observables</i></p>
17:00	<p>Session Ends <i>Fin de la session</i></p>	<p>Session Ends <i>Fin de la session</i></p>	<p>Session Ends <i>Fin de la session</i></p>
17:00 – 17:30	BioSciences 1101 (cap. 450)	<p>Laura Greene, APS President (chair: R. MacKenzie, President, CAP)</p>	
17:30 – 18:00	BioSciences 1101 (cap. 450)	<p>Cécile Fradin, McMaster University <i>On the importance of diffusion in biological systems</i> (chair: R. MacKenzie, President, CAP)</p>	
18:00 – 19:30	ARC Gym	<p>Poster Session (chair: B. Gaulin, VP-Elect, CAP)</p>	
19:30 – 21:30	BioSciences 1101 (cap. 221)	<p>CAP Student-Industry Meet & Mingle Session de réseautage industrie-étudiants (chair: C. Pugh, CAP Councillor representing Graduate Student Members)</p>	

Mercredi le 31 mai (suite)

Botterell B143 (cap. 107)	Botterell B147 (cap. 105)	BioSciences 1120 (cap. 48)	HEURE
W4-4 Combined Nanotech / COMP: Imaging and Radiation Therapy (DPMB) Nanotech / OCPM conjoints: imagerie et thérapie par rayonnement (DPMB) Chair/Prés. : Christopher Bergevin, York University	W4-5 Physics in Mining, a Career Perspective and Technology (DIMP/DIAP) La physique dans l'exploitation minière: perspective de carrière et technologie (DPIM/DPIA) Chair/Prés. : Daniel Cluff, CanMind Associates	W4-6 Lab Revitalization (DPE) Revitalisation de laboratoires (DEP) Chair/Prés. : Daria Ahrensmeier, Simon Fraser University	
(I) Hrinivich, W. Thomas <i>3D ultrasound and magnetic resonance imaging for prostate tumour-targeted high-dose-rate brachytherapy</i>	(I) Cluff, Daniel <i>Physics in Mining, a Career Perspective.</i>	Cai, Bei <i>Evaluation of student learning from a design activity in a physics laboratory course</i>	15 h 30
		(I) Bonn, Doug <i>Teaching Critical Thinking in a First Year Physics Lab</i>	15 h 45
(I) Fortin, Marc-André <i>Gold Nanoparticles for advanced Prostate Cancer Brachytherapy</i>	(I) Cluff, Daniel <i>The Implications of Introducing Cryogenic Technologies to Mining Projects.</i>		16 h 00
		Rollin, Etienne <i>Physics advanced laboratory designed for engaged learning experiences</i>	16 h 15
Session Ends <i>Fin de la session</i>	Morrison, Douglas <i>Battling the Fundamental Forces of the Universe</i>	Krasnopolskaia, Natalia <i>Teaching data analysis in the Undergraduate Physics Laboratory</i>	16 h 30
	Session Ends <i>Fin de la session</i>	Session Ends <i>Fin de la session</i>	17 h 00
Laura Greene, Présidente de l'APS (président: R. MacKenzie, président, ACP)		BioSciences 1101 (cap. 450)	17 h 00 17 h 30
Cécile Fradin, Université McMaster <i>L'importance de la diffusion dans les systèmes biologiques</i> (président: R. MacKenzie, président, ACP)		BioSciences 1101 (cap. 450)	17 h 30 18 h 00
Session d'affiches (président: Bruce Gaulin, VP-Elu, ACP)		ARC Gym	18 h 00 19 h 30
Departmental Leaders Business Meeting Réunion d'affaires des directeurs de départements (chair/présidente : Donna Strickland, CAP director academic affairs/directrice des affaires académiques de l'ACP)		Ban Righ Private Dining Room	19 h 30 21 h 30
CAP Past Presidents' Meeting Réunion des anciens présidents de l'ACP (chair/président : R. MacKenzie, président, ACP)		BioSciences 2111 (cap. 30)	

Thursday June 1

TIME	BioSciences 1102 (cap. 122)	BioSciences 1103 (cap. 122)	Botterell B139 (cap. 107)
07:30 - 09:00	<p align="center">CNILC Breakfast Meeting (Chair: Jens Dilling, Director, International Affairs, CAP)</p>		
	<p align="center">R1-1 Solar Cells (DCMMP) Piles solaires (DPMCM)</p> <p align="center">Chair/prés. : Paul Barclay, University of Calgary</p>	<p align="center">R1-2 History of Physics (DHP) Histoire de la physique (DHP)</p> <p align="center">Chair/prés. : Louis Marchildon, Université du Québec à Trois-Rivières</p>	<p align="center">R1-3 Quark and Lepton Flavour (PPD) Saveurs de quarks et de leptons (PPD)</p> <p align="center">Chair/prés. : Scott Menary, York University</p>
08:00	<p>(I) Voznyy, Oleksandr <i>Colloidal Quantum Dots in Solar Cells and Lasers: Progress and Perspectives</i></p>	<p>(I) Scott, Malcom <i>Queen's Physics</i></p>	<p>(I) Robertson, Steven <i>Status of the Belle II Experiment</i></p>
08:15			
08:30	<p>Dumont, Antoine <i>Advances in Electroluminescent Devices with Barium Titanate Particles</i></p>	<p>(I) Quigg, Chris <i>J. D. Jackson, Physicist, Teacher, Citizen</i></p>	<p>Walker, John <i>NuPRISM: Reducing neutrino interaction model dependence for oscillation experiments</i></p>
08:45	<p>Atkinson, Bill <i>Influence of Ferroelectric Quantum Criticality on SrTiO₃ Interfaces</i></p>		<p>(I) Lindner, Thomas <i>Status and Prospects of the T2K Experiment</i></p>
09:00	<p align="center">Session Ends <i>Fin de la session</i></p>	<p>Clancy, Patrick <i>Recent Trends in Canadian Neutron Scattering: A Comparative Bibliographic Study</i></p>	
		<p align="center">Session Ends <i>Fin de la session</i></p>	<p align="center">Session Ends <i>Fin de la session</i></p>
09:15 - 09:45	<p>BioSciences 1101 (cap. 450)</p>	<p align="center">Jun Ye, NIST / University of Colorado <i>Atomic Clock Based on Quantum Matter</i> (chair: R. MacKenzie, president, CAP)</p>	
09:45 - 10:15	<p>BioSciences Atrium</p>	<p align="center">Health Break</p>	
10:15 - 10:45	<p>BioSciences 1101 (cap. 450)</p>	<p align="center">Raymond Laflamme, Institute for Quantum Computing / University of Waterloo (CAP-CRM Prize in Theoretical and Mathematical Physics recipient) (chair: R. MacKenzie, president, CAP)</p>	
10:45 - 11:00	<p>BioSciences 1101 (cap. 450)</p>	<p align="center">Charles Gale, McGill University (CAP-TRIUMF Vogt Medal for Contributions to Subatomic Physics recipient) (chair: R. MacKenzie, president, CAP)</p>	

Jeudi le 1er juin

Réunion du comité de liaison national canadien de l'UIPPA (Président: Jens Dilling, Directeur affaires internationales, CAP)		Bearmish Munro 213 (cap. 76)	07 h 30 - 09 h 00
Botterell B143 (cap. 107)	Botterell B147 (cap. 105)	HEURE	
R1-4 Really flipping the classroom: empowering students as teachers (DPE) / Renversement de la classe: autonomisation des étudiants en enseignants (DPE) Chair/prés. : Patricia Mitchler	R1-5 Low Background Detectors (DIMP/PPD/DNP) Détecteurs à faibles interférences (DPIM/PPD/DPN) Chair/prés. : Kirk Michaelian, Natural Resources Canada		
<p><i>Really flipping the classroom: empowering students as teachers</i></p> <p>Freeman et al. in their landmark 225-study metaanalysis determined that active learning increases student performance in STEM (PNAS 2014). They went so far as to state "If the experiments analyzed here had been conducted as randomized controlled trials of medical interventions, they may have been stopped for benefit". Did they just conclude (in a paper cited over 1000 times) that smooth and clear (prof-centred) lecturing is not ethical? If so, how do we achieve active learning with 200 or more students? Research-based instructional strategies provide almost too many options. Reading the studies, there is one common factor that rises to the fore: feedback is provided to every student in every class. And the only way to do it is to engage the students as teachers.</p>	Lehnert, Bjoern <i>Background in the DEAP-3600 Experiment</i>		08 h 00
	Lawson, Ian <i>Low Background Measurement Capabilities At SNOLAB</i>		08 h 15
	Langrock, Stefanie <i>Energy response and position reconstruction at DEAP-3600</i>		08 h 30
	Scorza, Silvia <i>Background strategy in SuperCDMS SNOLAB</i>		08 h 45
	Session Ends <i>Fin de la session</i>		09 h 00
Jun Ye, NIST / Université du Colorado <i>Horloge atomique basée sur la matière quantique</i> (président: R. MacKenzie, président, ACP)		BioSciences 1101 (cap. 450)	09 h 15 - 09 h 45
Pause Santé		BioSciences Atrium	09 h 45 - 10 h 15
Simon Fafard, Sherbrooke University (CAP Medal for Outstanding Achievement in Industrial and Applied Physics recipient) (chair: S. Pistorius, vice president, CAP)		Humphrey Hall 102 (cap. 221)	10 h 15 - 10 h 45
Charles Gale, Université McGill (Récipiendaire de la médaille Vogt de l'ACP-TRIUMF pour l'excellence dans le domaine de la recherche théorique ou expérimentale en physique subatomique) (président: R. MacKenzie, président, ACP)		BioSciences 1101 (cap. 450)	10 h 45 - 11 h 00

Thursday June 1st

TIME	BioSciences 1103 (cap. 122)	Botterell B139 (cap. 107)
	<p>R2-2 Terahertz Science and Applications (DAMOPC) Science des terahertz et applications (DPAMPC)</p> <p>Chair/Prés. : Samuel Beaulieu, Université de Bordeaux</p>	<p>R2-3 Dark Matter III (PPD/DNP/DTP) Matière sombre III (PPD/DPN/DPT)</p> <p>Chair/Prés. : Steven Robertson, McGill University</p>
11:30	<p>Nallappan, Kathirvel <i>3D printed hollow core terahertz Bragg waveguides with defect layers for surface sensing applications</i></p>	<p>(I) Rau, Wolfgang <i>SuperCDMS and CUTE at SNOLAB</i></p>
11:45	<p>Ma, Tian <i>Dispersion Compensation in Terahertz Communication Links Using Metallized 3D Printed Hollow Core Waveguide Bragg Gratings</i></p>	
12:00	<p>(I) Dignam, Marc <i>The Nonlinear Terahertz response of Monolayer and Bilayer Graphene</i></p>	<p>Di Stephano, Philippe <i>Status of the KDK (40K decay) experiment</i></p>
12:15		<p>Stainforth, Robert <i>Cleaning Data for Dark Matter Detection</i></p>
	<p>Session Ends <i>Fin de la session</i></p>	<p>Session Ends <i>Fin de la session</i></p>
12:30 - 13:30	Leonard Dining Hall	Lunch
	BioSciences 1103 (cap. 122)	DHP Annual Meeting (chair: Louis Marchildon, chair DHP)
	Botterell B139 (cap. 107)	DTP Annual Meeting (chair: Svetlana Barkanova, chair DTP)
	BioSciences 1102 (cap. 122)	Commercial Publishers Workshop with MacMillan Publishers (chair: Don Mathewson, Kwantlen Polytechnic University)

Jeudi le 1er juin

Botterell B147 (cap. 107)	HEURE
R2-5 Applied Physics and Instrumentation (DIMP/DIAP) Physique appliquée et instrumentation (DPIM/DPIA) Chair/Prés. : Kirk Michaelian, Natural Resources Canada	
Murray, Christopher <i>Examinations of oxo-degradable polyolefin-based agricultural mulch film</i>	11 h 30
Lees, Ronald M. <i>FTIR Synchrotron Spectroscopy of the S-H Stretching Band of Methyl Mercaptan – An Interstellar and Biogenic Molecule</i>	11 h 45
Nallappan, Kathirvel <i>Error Free Transmission of 5 Gbps Data at 140 GHz Using Difference Frequency Generation</i>	12 h 00
Nallappan, Kathirvel <i>High Speed Terahertz Near-field Imaging Using Spatial Wavefront Modulator</i>	12 h 15
Session Ends Fin de la session	
Dîner	Leonard Dining Hall
Assemblée annuelle DHP (président: Louis Marchildon, président DHP)	BioSciences 1103 (cap. 122)
Assemblée annuelle DTP (présidente: Svetlana Barkanova, présidente DTP)	Botterell B139 (cap. 107)
Ateliers d'éditeurs commerciaux avec MacMillan Publishers (président: Don Mathewson, Kwantlen Polytechnic University)	BioSciences 1102 (cap. 122)
	12 h 30 13 h 30

Thursday June 1

TIME	BioSci 1102 (cap. 122)	BioSci 1103 (cap. 122)	Botterell B139 (cap. 105)
	R3-1 Curriculum Development and Revitalization: Preparing Student for 21st Century Careers (DPE) Développement et revitalisation des programmes: préparer les étudiants pour une carrière au 21e siècle (DEP) Chair/Prés. : Martin Williams, University of Guelph	R3-2 Ultrafast and Time-Resolved Processes (DAMOPC/DCMMP) Procédés ultrarapides et résolus dans le temps (DPAMPC/DPMCM) Chair/Prés. : Marc Dignam, Queen's University	R3-3 Dark Matter IV (PPD) Matière sombre IV (PPD) Chair/Prés. : Steven Robertson, McGill University
13:30	Antimirova, Tetyana <i>Blended Introductory Physics Course for Science Programs: Instructor's Experience of NCAT Redesign</i>	(I) Yang, Luyi <i>Long-lived Spin/Valley Dynamics of Resident Electrons and Holes in Monolayer Transition Metal Dichalcogenides</i>	(I) Gerbier, Gilles <i>Status of NEWS-G experiment</i>
13:45	Stang, Jared <i>Engaging reflective thinking during an exam: Slowing students down on multiple choice questions increases performance</i>		
14:00	(I) O'Meara, Joanne <i>Requiring a Course on Science Communication at the University of Guelph</i>	Poduska, Kristin <i>Extracting structural disorder signatures from vibrational spectra using photoacoustic detection</i>	(I) Giroux, Guillaume <i>Searching for dark matter with the PICO bubble chambers</i>
14:15		Förster, Georg D. <i>Ultra-short double pulse laser ablation: basic mechanisms and nanoparticle formation</i>	
14:30	Jacke In-class WITHDRAWN E&M	(I) Beaulieu, Samuel <i>High Harmonic Generation and XUV Free Induction Decay From Electronic Wavepackets</i>	Di Stephano, Philippe <i>Quenching measurements for a spherical detector at the COMIMAC facility</i>
14:45	Session Ends Fin de la session		Weaver, Christopher <i>Recent Results from IceCube</i>
		Session Ends Fin de la session	Session Ends Fin de la session
15:00 - 15:30	BioSci Atrium	Health Break	
15:30 - 17:30	BioSci 1101 (cap. 450)	CAP Best Student Presentations Final Competition	
17:30 - 18:00	BioSci 1101 (cap. 450)	Chris Quigg, Fermilab <i>Perspectives and Prospects for Particles Physics</i> (chair: R. MacKenzie, chair, ACP)	
18:00 - 18:45	BioSci 1101 (cap. 450)	Award Ceremony	
18:45 - 19:15	In front of BioSciences Atrium	Bus to Congress Dinner	
19:15 - 21:15	Fort Henry	Congress Dinner	

Jeudi le 1er juin

Vendredi 2 juin

Botterell B143 (cap. 105)		HEURE	
R3-4 Testing Fundamental Symmetries III (DNP/PPD/DTP) Tests de symétries fondamentales III (DPN/PPD/DPT) Chair/Prés. : Wolfgang Rau, Queen's University			8 h 30 - 10 h 00 CAP Foundation Annual General Meeting / Assemblée générale Annuelle de la Fondation de l'ACP New Medical Building
(I) Franke, Beatrice <i>The new ultracold neutron facility at TRIUMF</i>		13 h 30	10 h 00 - 11 h 30 CAP Foundation Board Meeting / Réunion du CA de la Fondation de l'ACP New Medical Building
		13 h 45	
Linder, Thomas <i>Construction and Commissioning of the Beamline for the UCN Source at TRIUMF</i>		14 h 00	11 h 30 - 14 h 00 CAP Board Meeting (New and Old) / Réunion du CA de l'ACP (nouveau et ancien) New Medical Building
Matsumiya, Ryohei <i>Status of the Superfluid Helium UCN Source at TRIUMF</i>		14 h 15	
Zhang, Xiaohe <i>Implementation of "Salting" as Blinding Scheme for CDMSlite</i>		14 h 30	14 h 00 - 15 h 15 Meeting of Local Organizing Committees 2017, 2018 / Réunion des comités organisateurs locaux 2017, 2018 + New Medical Building
Caden, Erica <i>Updates from the SNOLAB</i>		14 h 45	
Session Ends <i>Fin de la session</i>			End of Congress <i>Fin du Congrès</i>
Pause Santé	BioSci Atrium	15 h 00 - 15 h 30	
Compétition finale de l'ACP pour les meilleures communications étudiantes	BioSci 1101 (cap. 450)	15 h 30 - 17 h 30	
Chris Quigg, Fermilab <i>Perspectives d'avenir pour la physique des particules (président: R. MacKenzie, président, ACP)</i>	BioSci 1101 (cap. 450)	17 h 30 - 18 h 00	
C. cérémonie de reconnaissance	BioSci 1101 (cap. 450)	18 h 00 - 18 h 45	
Autobus vers le dîner du Congrès	Entrée de BioSciences	18 h 45 - 19 h 15	
Dîner à Fort Henry	Fort Henry	19 h 15 - 21 h 15	