

TIME HEURE	Other Locations Autres endroits	Ballroom A	Ballroom B	Ballroom C	Colbourne	Kildonan
16h30				↓	D. Tokaryk (c) UNB <i>High Resolution Laser Spectroscopy of Magnesium Monoacetylide (TU-P9-7)</i>	A. Liptak (c) UBC <i>Modulation of Partial Internal Reflection at an Optical Interface (TU-P8-6)</i>
16h45			Session Ends / Fin de la session		L-H. Xu (c) UNB <i>Lamb-Dip Observations and Assignments of Some Compact Q-Branches in the 11 μm Region for 1,3 Butadiene (TU-P9-8)</i>	Session Ends / Fin de la session
17h00					Session Ends / Fin de la session	
17h15						
17h30						

19h00	Banquet Reception					Ballrooms A/B/C
19h30	Banquet					

Wednesday, June 16

TIME HEURE	Other Locations Autres endroits	Ballroom A	Ballroom B	Ballroom C	Colbourne	Kildonan
07h00	(WE-A1) - Meeting of the CAP-NSERC Liaison Committee (07h00-09h00) - Heartland Boardroom (WE-A2) - DPE Breakfast Business Meeting (07h00 - 08h15) - Private Dining Room					
08h30			WE-A3 CAP Plenary Session plénière ACP Chair: M. Morrow, MUN AARON FENSTER Robarts Research Institute <i>Use of 3D Ultrasound Imaging in Diagnosis, Treatment and Research: Advances and Opportunities (WE-A3)</i>			
0845				↓		
09h00				↓		

Strathcona	Westminster	Campaign A	Victoria	Albert	Campaign B	TIME HEURE
	DICK, Rainer U.Saskatchewan <i>Theoretical Aspects of Ultra-High Energy Cosmic Rays (TU-P6-5)</i>	O. Stelzer-Chilton (c) U.Toronto <i>Measuring the W Boson Mass with CDF in Run IIa (TU-P5-5)</i>	SAINT-AUBIN, Yvan U.Montreal <i>Behavior of the Two-Dimensional Ising Model at the Boundary of a Half-Infinite Cylinder (TU-P7-5)</i>	G. Spirou (c) U.Toronto <i>Photoacoustic Imaging in Biological Tissues for Monitoring Thermal Lesions (TU-P13-5)</i>	TU-P17 CASCA Annual General Meeting / Assemblée générale de la CASCA Chair: G. Harris, U.Waterloo	16h30
	↓	R. Moore (c) U.Alberta <i>Searches for SUSY at D0 (TU-P5-6)</i>	↓	R. Vlad (c) Ontario Cancer Inst. <i>High Frequency Ultrasound in Monitoring Liver Suitability for Transplantation (TU-P13-6)</i>		16h45
	Session Ends / Fin de la session	S. Sabik (c) U.Toronto <i>Study of Jet Fragmentation for the Measurement of the Top Mass with CDF (TU-P5-7)</i>	Session Ends / Fin de la session	Session Ends / Fin de la session		17h00
		K. Garrow (c) TRIUMF <i>Observation of a $S =1$ Baryon State at a Mass of 1.528-GeV in Quasi-Real Photoproduction (TU-P5-8)</i>				17h15
		Session Ends / Fin de la session				17h30

19h00	Réception du banquet	Ballrooms A/B/C
19h30	Banquet	

Mercredi, le 16 juin

Strathcona	Westminster	Campaign A	Victoria	Albert	Campaign B	TIME HEURE
(WE-A1) - Réunion du comité de liaison ACP-CRSNG (07h00-09h00) - Heartland Boardroom (WE-A2) - Réunion d'affaires DEP (07h00 - 08h51) - Private Dining Room						07h00
				WE-A5 (COMP/OCPM) RADIATION TREATMENT PLANNING / PLANIFICATION D'UNE RADIOTHÉRAPIE Chair: W. Beckham, BC Cancer Agency	WE-A4 (CASCA) PORTRAITS AT MULTIPLE WAVELENGTHS / PORTRAITS À LONGUEURS D'ONDES MULTIPLES Chair: I. Short, Saint Mary's U.	
				P. Potrebko (c) CancerCare Manitoba <i>A Broad Beam Analytical Photon Scatter Model Employing Convolution Techniques (WE-A5-1)</i>	M. Bietenholz (c) York U. <i>Time-Evolution and Radio-Optical Correlations in the Synchrotron Emission of The Crab Nebula (WE-A4-1)</i>	08h30
				N. Blais (c) Hopital Maisonneuve-Rosemont <i>Evaluation of the Rectangular Scatter Integration Model (RSI) (WE-A5-2)</i>	A. Moffatt (c) U.Montreal <i>Wind-Wind Collisions from X-Ray to Radio: The Massive Prototype Binary WR140 (WE-A4-2)</i>	08h45
				L. Buckley (c) Carleton U./NRC <i>A Correlated Sampling User-Code for the EGSnrc System (WE-A5-3)</i>	WE-A6 (CASCA) DATA MINING AND ARCHIVING / EXPLOITATION ET ARCHIVAGE DES DONNÉES Chair: R. Bochonko, U.Manitoba DAVID SCHADE NRC <i>Data Mining and the Virtual Observatory (WE-A6-1)</i>	09h00

DETAILED CONGRESS PROGRAM - WEDNESDAY, JUNE 16

TIME HEURE	Other Locations Autres endroits	Ballroom A	Ballroom B	Ballroom C	Colbourne	Kildonan
09h15			WE-A7 CAP/COMP Plenary Session plénière ACP/OCPM Chair: C. Arsenault, Dr. Georges L. Dumont Hospital DAVID ROGERS Carleton U. <i>Monte Carlo Simulation of Electron-Photon Transport: From Particle Physics to Cancer Radiotherapy (WE-A7-1)</i>			
09h30			↓			
09h45			↓			
		WE-A9 (DCMMP/DPMCM) YOUNG INVESTIGATORS IN CONDENSED MATTER PHYSICS II / JEUNES CHERCHEURS(S) EN PHYSIQUE DE LA MATIÈRE CONDENSÉE II Chair: M. Cote, U.Montreal			WE-A8 (DIAP-DIMP/ DPIA-DPIM) INSTRUMENTATION AND TECHNIQUES IN BIOMEDICAL PHYSICS II / INSTRUMENTA- TION ET TECHNIQUES EN PHYSIQUE BIOMÉDICALE II Chair: R. Maev, U.Windsor	WE-A13 (DTP/DPT) GENERAL RELATIVITY AND GRAVITATION I / RELATIVITÉ GÉNÉRALE ET GRAVITATION I Chair: A. Kempf, U. Waterloo
10h00		ROSEI, Federico U. Quebec <i>Critical Issues in Ge/Si Nanostructures: Positioning, Intermixing and Ripening (WE-A9-1)</i>			KRULL, Ulrich U. Toronto <i>Genomic Target Identification Using Imaging of Distributed Gradients of Oligonucleotide Probes in Conjunction with Microfluidics (WE-A8-1)</i>	KUNSTATTER, Gabor U. Winnipeg <i>Vibrational Modes of Black Holes and Their Quantum Gravitational Microstates (WE-A13-1)</i>
10h15		↓	WE-A17 (COMP/OCPM) RADIATION DOSIMETRY / DOSIMÉTRIE DES RAYON- NEMENTS Chair: K. Sixel, Sunnybrook/UToronto	WE-A16 (DOP-DAMP/ DOP-DPAM) ULTRAFAST LASER APPLICATIONS / APPLICATIONS DES LASERS ULTRA-RAPIDES Chair: W.-K. Liu, U. Waterloo	↓	↓
10h30		KNOBEL, Robert Queen's U. <i>Integrated Mechanics and Electronics at the Nanoscale (WE-A9-2)</i>	J. Battista (c) London Reg. Cancer Centre <i>Accuracy in Dose Calibration of Fricke- Xylenol Gels Using Optical CT Scanning (WE-A17-1)</i>	FORTIER, Tara U. Colorado <i>Carrier-Envelope Phase Stabilized Modelocked Lasers (WE-A16-1)</i>	ALVARADO-GIL, Juan U. Guelph <i>Study of Blood Sedimentation by Photothermal and Optical Techniques (WE-A8-2)</i>	MANN, Robert U. Waterloo <i>Mass Conjectures, Entropy Bounds and the ds/CFT Correspondence (WE-A13-2)</i>
10h45		↓	S. Babic (c) Queen's U./KRCC <i>NMR Relaxometry Study and Gravimetric Analysis of an Aqueous Polyacryla- mide Dosimeter Without Gelatin (WE-A17-2)</i>	↓	↓	↓
11h00		Coffee Break / Pause café	M. Nielsen (c) Sunnybrook/UToronto <i>Preliminary Study of the MAGIC Gel Dosimeter Using X-Ray Computed Tomography (WE-A17-3)</i>	R. Hostenstein (c) U. Alberta <i>Simulation of Femtosecond Laser Ablation of Silicon (WE-A16-2)</i>	Coffee Break / Pause café	PAGE, Don U. Waterloo <i>Particle Production in a Tunneling Universe (WE-A13-3)</i>
11h15		↓	L. Beaulieu (c) Centre Hospitalier Univ. <i>Comparison of Scintillating Fibers for Increasing the Signal to Noise Ratio of Scintillator Dosimeters (WE-A17-4)</i>	Coffee Break / Pause café	↓	↓

Strathcona	Westminster	Campaign A	Victoria	Albert	Campaign B	TIME HEURE
				S.P. Goldman (c) UWO <i>Fast Inverse Dose Optimization (FIDO) for IMRT via Matrix Inversion with no Negative Intensities (WE-A5-4)</i>	↓	09h15
				A. Bergman (c) Vancouver CancerCentre <i>Improved Calculation Accuracy for IMRT Using Modified Single Pencil Beam Calculation Kernels (WE-A5-5)</i>	↓	09h30
				S. Yartsev (c) London Reg.CancerCentre <i>Virtual Organs as a Tool in Inverse Planning of IMRT (WE-A5-6)</i> Session ends at 10h00 / Fin de la session à 10h00	Session Ends / Fin de la session Coffee Break until 10h00/ Pause café jusqu'à 10h00	09h45
WE-A12 (DIMP/DPIM) IMAGING WITH PHOTOACOUSTIC AND PHOTOTHERMAL NDE TECHNIQUES AND MICROSCOPES/ IMAGERIE À L'AIDE DE TECHNIQUES END ET DE MICROSCOPIES PHOTOACOUSTIQUES ET PHOTOTHERMIQUES Chair: A. Mandelis, U.Toronto		WE-A11 (DNP-DAMP/DPN-DPAM) ION TRAPS IN ATOMIC AND NUCLEAR PHYSICS / PIÈGES À IONS EN PHYSIQUE ATOMIQUE ET NUCLÉAIRE Chair: K. Sharma, U.Manitoba	WE-A10 (PPD) PARTICLE ASTROPHYSICS / ASTROPHYSIQUE DES PARTICULES Chair: W. Trischuk, U.Toronto	WE-A14 (BSC/SBC) SYNCHROTRON BIOPHYSICS: THE CANADIAN LIGHT SOURCE / BIOPHYSIQUE AU SYNCHROTRON : LA SOURCE DE LUMIÈRE CANADIENNE Chair: J. Lepock, U.Waterloo	↓	
MICHAELIAN, Kirk Natural Resources Cda <i>Disperse Photoacoustic Spectroscopy of Hydrocarbons (WE-A12-1)</i>		PEARSON, Matthew TRIUMF <i>Nuclear Physics from Cold, Trapped Atoms (WE-A11-1)</i>	GRAHAM, Kevin Queen's U. <i>Recent Results from the Sudbury Neutrino Observatory (WE-A10-1)</i>	THOMLINSON, William CLS <i>The Canadian Light Source: Opportunities in Biomedical Research (WE-A14-1)</i>	WE-A15 (CASCA) IMAGING MULTIPLE WAVELENGTHS / IMAGERIE DANS DES LONGUEURS D'ONDES MULTIPLES Chair: R. Bond, CITA	10h00
↓		↓	↓	↓	M. Sawicki (c) NRC <i>The Evolution of the Galaxy Luminosity Function and Cosmic Star Formation History from z~4 to z~1.7 Using Multiwavelength Imaging (WE-A15-1)</i>	10h15
SHEN, Jun NRC <i>Photothermal Beam Deflection Techniques Applied to the Non-Destructive Measurements of Thermophysical Properties (WE-A12-2)</i>		MARTIN, James U.Waterloo <i>Dipole-Dipole Interactions between Ultracold Rydberg Atoms (WE-A11-2)</i>	RAGAN, Kenneth McGill U. <i>STACEE Continues - VERITAS Lives! (WE-A10-2)</i>	CHAPMAN, Dean U.Saskatchewan <i>New Sources of X-Ray Imaging Contrast (WE-A14-2)</i>	C. Willott (c) HIA <i>Multi-Waveband Imaging of the Most Distant Black Holes (WE-A15-2)</i>	10h30
↓		↓	↓	↓	H. Yee (c) U.Toronto <i>The Red-Sequence Cluster Surveys (WE-A15-3)</i>	10h45
Coffee Break / Pause café		Coffee Break / Pause café	Coffee Break / Pause café	Coffee Break / Pause café	WE-A18 (CASCA) Prix Beals Award Chair: G. Harris, U.Waterloo ERNEST SEAQUIST U.Toronto <i>The Galaxy M82 - a Rosetta Stone for the Starburst Phenom (WE-A18-1)</i>	11h00
↓		↓	E. Rollin (c) Carleton U. <i>Wavelength Shifter in the Heavy Water of the Sudbury Neutrino Observatory (WE-A10-3)</i>	↓	↓ Session ends at 11h45 / La session se termine à 11h45	11h15

TIME HEURE	Other Locations Autres endroits	Ballroom A	Ballroom B	Ballroom C	Colbourne	Kildonan
11h30		EMBERLY, Eldon SFU <i>The Smallest Molecular Switch (WE-A9-3)</i>	P. Petric (c) BC Cancer Agency <i>A Tissue Equivalent Plastic Scintillator Based Dosimetry System for Verification of IMRT Dose Distributions (WE-A17-5)</i>	↓	KOTLICKI, Andrzej UBC <i>Applied Research at the Structured Surface Physics Laboratory at UBC (WE-A8-3)</i>	POISSON, Eric U.Guelph <i>The Gravitational Self-Force (WE-A13-4)</i>
11h45		↓	K. Stewart (c) McGill U. <i>Development of a Novel Liquid Ionization Chamber for Radiation Dosimetry (WE-A17-6)</i>	SHAPIRO, Evgeny NRC <i>Arbitrary Shaping of Molecular Wavepackets by AC Stark Shifts (WE-A16-3)</i>	↓	↓
12h00		ZHOU, Fei UBC <i>Spin Correlated Ultra Cold Atoms (WE-A9-4)</i>	L. Archambault (c) U.Laval <i>Response of a MOSFET for 50 keV to 5 MeV Incident Radiation and Its Impact in Radiotherapy Measurements (WE-A17-7)</i>	↓	BEAULIEU, Luc U. Laval <i>Scintillating Optical Fibers as High Precision, Small Area Dosimeters in Radiation Therapy (WE-A8-4)</i>	LAKE, Kayll Queen's U. <i>Recent Developments in Computer Algebra Applied to General Relativity (WE-A13-5)</i>
12h15		↓	N. Videla (c) Sunnybrook/UToronto <i>Evaluation of the Water Equivalence of Solid Water Model 457 for Photon and Electron Measurements in TG-51 Protocol (WE-A17-8)</i>	B.J. Siwick (c) U.Toronto <i>Femtosecond Electron Diffraction and the Quest for the "Molecular Movie" (WE-A16-4)</i>	↓	↓
12h30	Private Dining Room WE-A20 New Faculty Luncheon / Déjeuner pour les nouveaux professeurs	Session Ends / Fin de la session	Session Ends / Fin de la session	Session Ends / Fin de la session	Session Ends / Fin de la session DIMP/DIAP Business meeting (ends at 13h30) / Réunion d'affaires DPIM/ DPIA (se termine à 13h30)	Session Ends / Fin de la session
12h45						
13h30						
13h45						
14h00						

Strathcona	Westminster	Campaign A	Victoria	Albert	Campaign B	TIME HEURE
BAESSO, Mauro U.Maringa <i>Time-Resolved Thermal Lens for Thermo-Optical Measurements in Transparent Materials During Phase Modification (WE-A12-3)</i>		DILLING, Jens TRIUMF <i>Ion Traps in Nuclear Physics: The Ultimate Tool for Precision Experiments (WE-A11-3)</i>	C.J. Virtue (c) Laurentian U. <i>SNO, SNEWS, and the Next Galactic Supernova (WE-A10-4)</i>	JALILEHVAND, Kenneth U.Calgary <i>X-Ray Absorption Spectroscopy in Natural Sciences: Exploring New Possibilities (WE-A14-3)</i>	WE-A19 (CASCA) NEW DIRECTIONS IN IMAGING / NOUVELLES ORIENTATIONS EN IMAGERIE Chair: T. Landecker, NRC	11h30
↓		↓	P.J. Watson (c) Carleton U. <i>Possible Tests of Universal Gravitation at Short Distances (WE-A10-5)</i>	↓	I. Cameron (c) U.Manitoba <i>Crossing the Disciplines: Using Medical Imaging Software for Doing Astronomical Image Analysis (WE-A19-1)</i>	11h45
BRIGGS, Matthew Los Alamos Nat'l Lab <i>Optical Velocity-Measurement Techniques for Supersonic Surfaces (WE-A12-4)</i>		K. Sharma (c) U.Manitoba <i>Recent Atomic Mass Measurements on Nuclei Far From Stability with the Canadian Penning Trap Mass Spectrometer (WE-A11-4)</i>	Session Ends / Fin de la session PPD Business meeting (ends at 12h15) / Réunion d'affaires PPD (se termine à 12h15)	NG, Kenneth U.Calgary <i>Protein Crystallography and Antiviral Drug Design (WE-A14-4)</i>	R. Reid (c) DRAO/HIA/NRC <i>Smear Fitting: A New Deconvolution Method for Interferometry (WE-A19-2)</i>	12h00
↓		T.J. Harmon (c) U.Calgary <i>Tripartite Entanglement of a Trapped Atom in an Optical Cavity (WE-A11-5)</i>		↓	P. Martin (c) CITA <i>On Predicting the Polarization of Low-Frequency Emission by Diffuse Interstellar Dust (WE-A19-3)</i>	12h15
Session Ends / Fin de la session		M.C. Fujiwara (c) RIKEN/TRIUMF <i>Casting Light on Antimatter: Cold Antihydrogen with ATHENA (WE-A11-6)</i>		Session Ends / Fin de la session	Session Ends / Fin de la session WE-A21 Chair: R. Bond, U.Toronto CITA AGM / Assemblée générale CITA (ends at 13h30 / se termine à 13h30)	12h30
		Session Ends / Fin de la session				12h45
				WE-P2 (COMP/OCPM) RADIATION TREATMENT DELIVERY / EXECUTION DE LA RADIOTHERAPIE Chair: D. Viggars, CancerCare Manitoba		
			WE-P1 (CAP-COMP/ACP-OCPM) Plenary Session plénière (Kirkby Medal winner / Récipiendaire de la médaille Kirkby) Chair: M. Steinitz, St. F-X U. ROBERT BARBER U.Manitoba <i>IUPAP - A Brief Introduction (WE-P1-1)</i>	J. Chow (c) Grand River Reg.CancerC. <i>Surface and Peripheral Surface Dose on the Prostate IMRT Treatment (WE-P2-1)</i>		13h30
			↓	G.N. Grigоров (c) Grand River Reg.CancerC. <i>Mixed IMRT and Conventional Four-Beam Box Treatment on Prostate Cancer (WE-P2-2)</i>	WE-P3 (CASCA) VISUALIZING THEORY: SIMULATIONS IN COSMOLOGY / THÉORIE DE VISUALISATION : SIMULATIONS EN COSMOLOGIE Chair: C. Kerton, Iowa State U.	13h45
			↓	F. Vallejo (c) Juravinski CancerCentre <i>Parameters Affecting the Spurious Variation of Photon Fluence in IMRT (WE-P2-3)</i>	DUBINSKI, John U.Toronto <i>A Universe in Motion: Dynamical Evolution of Galaxies in the New Cosmological Paradigm (WE-P3-1)</i>	14h00

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		WE-P6 (DIMP-CASCA/ DPIM-CASCA) IMAGING IN THE STARS AND ON EARTH / IMAGERIE DANS LES ÉTOILES ET SUR TERRE Chair: J. Rice, Brandon U.	WE-P8 (DIAP-DPIA) INDUSTRIAL AND APPLIED PHYSICS GENERAL SESSION / SESSION GÉNÉRALE SUR LA PHYSIQUE INDUSTRIELLE ET APPLIQUÉE Chair: G. Beer, U. Victoria	WE-P5 (DNP/DPN) RADIOACTIVE BEAM - HEAVY ION PHYSICS / PHYSIQUE DES FAISCEAUX RADIOACTIFS/ D'IONS LOURDS Chair: C. Svensson, U. Guelph		WE-P10 (DTP/DPT) GENERAL RELATIVITY AND GRAVITATION II / RELATIVITÉ GÉNÉRALE ET GRAVITATION II Chair: M. Paranjape, U. Montreal
14h15		D. Scott (c) UBC <i>Dusty Corners of the Universe (WE-P6-1)</i>	BATTISTA, Jerry London Reg.CancerCentre <i>On-Line CT Imaging for Precision Radiotherapy (WE-P8-1)</i>	GALINDO-URIBARRI, Alfredo Oak Ridge Nat.Lab. <i>Nuclear Spectroscopy with Radioactive Ion Beams: Latest Results from HRIBF (WE-P5-1)</i>		DAS, Saurya U.Lethbridge <i>Black Holes in Future Colliders (WE-P10-1)</i>
14h30		SHEPARD, Steven Thermal Wave Imaging <i>Pulsed Thermography: Perspectives on the Evolution from Qualitative to Quantitative Application (WE-P6-2)</i>	↓	↓		↓
14h45		↓	HALLIN, Emil CLS <i>The Applied Science Program at the Canadian Light Source (WE-P8-2)</i>	HACKMAN, Greg TRIUMF <i>TRIUMF-ISAC Gamma-Ray Escape Suppressed Spectrometer (TIGRESS) (WE-P5-2)</i>		HUSAIN, Viqar UNB <i>Singularity Resolution in Quantum Gravity (WE-P10-2)</i>
15h00		Coffee Break / Pause café	↓	↓		↓
15h15		↓	Coffee Break / Pause café	ANDREIOU, Corina U.Guelph <i>Doorway States in th Gamma Decay-Out of the Yrast Superdeformed Band in ⁵⁹Cu (WE-P5-3)</i>		Coffee Break / Pause café
15h30		WADE, Gregg RMC <i>Imaging the Surfaces of Stars (WE-P6-3)</i>	J. Aggarwal (c) UBC <i>Fluid Motion Induced by Sequential Interface Deformation (WE-P8-3)</i>	↓		WOOLGAR, Eric U.Alberta <i>The Poincaré Conjecture, Ricci Flow, and the Renormalization Group (WE-P10-3)</i>
15h45		↓	FENSTER, Aaron Robarts Res.Inst. <i>From Concept to Product: 3D Ultrasound Imaging for Diagnosis and Treatment (WE-P8-4)</i>	BEAULIEU, Luc U.Laval <i>The Dynamics of Neck Formation and Its Isospin Dependence (WE-P5-4)</i>	WE-P13 (PPD-CASCA) DARK MATTER AND DARK ENERGY / MATIÈRE ET ÉNERGIE NOIRES Chair: D. Scott, UBC	↓
16h00		ANTONIOW, Jean- Stephane Reims U. <i>(Photo)thermal Imaging Using a Modified Atomic Force Microscope (AFM) Combined with Pyroelectric Detection (WE-P6-4)</i>	↓	↓	HOEKSTRA, Henk CITA <i>Astrophysical Evidence for Dark Matter (WE-P13-1)</i>	UNRUH, William UBC <i>Dumb Holes - Black Holes in the Lab? (WE-P10-4)</i>
16h15		↓	RUTH, Thomas TRIUMF <i>Production of Radioisotopes for Research in Bioscience and Physical Science (WE-P8-5)</i>	G. Grinyer (c) U.Guelph <i>High Precision Beta Decay Measurements of ²⁶Na at ISAC (WE-P5-5)</i>	↓	↓

Strathcona	Westminster	Campaign A	Victoria	Albert	Campaign B	TIME HEURE
WE-P9 (DPP) PLASMA PHYSICS / <i>PHYSIQUE DES PLASMAS</i> Chair: C. Boucher, INRS		WE-P7 (DOP) PHOTONICS DEVICES / <i>DISPOSITIFS PHOTONIQUES</i> Chair: M. Campbell, U.Waterloo	WE-P4 (DCMMP/DPMCM) MATERIALS AND MAGNETISM / <i>MATÉRIAUX ET MAGNÉTISME</i> Chair: R. Roshko, U.Manitoba	↓	↓	
HIROSE, Akira U.Saskatchewan <i>Anomalous Electron Thermal Conduction in Tokamaks (WE-P9-1)</i>		J. Mihaychuk (c) NRC <i>Broad-Spectrum Light Emission in Silicon Tunnel Diodes (WE-P7-1)</i>	QUIRION, Guy MUN <i>Investigation of the Phase Diagram of UNi_2Si_2 (WE-P4-1)</i>	W. Beckham (c) BC Cancer Agency <i>Clinical Implementation of a 3-D Monte Carlo Based Validation Process for IMRT (WE-P2-4)</i>	↓	14h15 Session Ends at 14h45 / La session se termine à 14h45
↓		L. Poirier (c) U.Calgary <i>Computational Analysis of Group Velocity in Periodic Media (WE-P7-2)</i>	↓	D. Scora (c) Sunnybrook/UToronto <i>Radiation Spot Position Non-Coincidence on Dual Energy Linacs: Implications for Precision Therapies (WE-P2-5)</i>	WE-P11 (CASCA) VISUALIZING CONCEPTS IN THEORY / <i>VISUALISATION DES CONCEPTS THÉORIQUES</i> Chair: J. Fiege, NRC-HIA	14h30
A. Ito (c) U.Saskatchewan <i>Discrete Alfvén Wave Spectra Due to Hall Current (WE-P9-2)</i>		S. Yang (c) U.Toronto <i>Focusing of Light in a 3D Inverse Ferroelectric Photonic Crystal (WE-P7-3)</i>	C. Dean (c) Queen's U. <i>Formation of Nickel-Graphite Intercalation Compounds on Silicon Carbide (WE-P4-2)</i>	M. Tambasco (c) Sunnybrook/UToronto <i>Optimization of Imaging Geometry for Megavoltage Cone-Beam CT (WE-P2-6)</i>	J. O'Neill Hurry (c) U.Toronto <i>Observing Simulated Galaxies (WE-P11-1)</i>	14h45
M.P. Bradley (c) U.Saskatchewan <i>Joint Plasma/Thermal Model for Plasma Ion Implants of Photonic Materials (WE-P9-3)</i>		Session Ends / Fin de la session	Coffee Break / Pause café	Session Ends / Fin de la session Coffee Break to 15h30 Pause café jusqu'à 15h30	E. Thommes (c) CITA <i>Dynamics of Young Planetary Systems (WE-P11-2)</i>	15h00
P. Dobias (c) U.Alberta <i>Observation Constrained Equilibria, Plasma Instabilities, and Substorm Intensification Phase (WE-P9-4)</i>			↓	WE-P12 (COMP/OCPM) RADIATION TREATMENT VERIFICATION / <i>VÉRIFICATION DE LA RADIOTHÉRAPIE</i> Chair: C. Arseneault Dr.Georges L. Dumont Hospital	D. McNeil (c) Queen's U. <i>Sliding Into Home: Terrestrial Formation and Type I Migration (WE-P11-3)</i>	15h15
Session Ends / Fin de la session			P. Bronsveld (c) U. of Groningen <i>Ordered Co_3W (WE-P4-3)</i>	B. McCurdy (c) CancerCare Manitoba <i>Daily Targeting of Prostate Through EPID Visualization of Implanted Markers (WE-P12-1)</i>	Session Ends / Fin de la session Coffee Break to 16h00 Pause café jusqu'à 16h00	15h30
			A. Polomska (c) MUN <i>Brillouin Light Scattering from Ordered Carbon Nanotube Arrays (WE-P4-4)</i>	K. Sixel (c) Sunnybrook/UToronto <i>Measurement of Intra- and Inter- Fraction Prostate Motion Using Electronic Portal Imaging of Implanted Radio-Opaque Markers (WE-P12-2)</i>	WE-P14 (CASCA) IMAGING THE INVISIBLE SPECTRUM / <i>IMAGERIE DANS LE SPECTRE DE L'INVISIBLE</i> Chair: M. Bietenholz, York U.	15h45
			A. Sarkissian (c) Plasmionique Inc. <i>Plasma-Assisted Deposition of Advanced Carbon-Based Coatings (WE-P4-5)</i>	K.Jabbari (c) U.Manitoba <i>Automatic Extraction of Patient Out-of-Plane Rotation Using Portal Images (WE-P12-3)</i>	R. Brar (c) Queen's U. <i>Cold Dust - Radio Continuum Correlation in Spiral Galaxies (WE-P14-1)</i>	16h00
			W.L. Li (c) U.Manitoba <i>Coincident First- and Second-Order Magnetic Transitions in Single Crystal $La_{0.73}Ca_{0.27}MnO_3$ (WE-P4-6)</i>	C. Kirkby (c) U.Alberta <i>Removing Blur from Energy Fluence Measurements Made Using Varian's aS500 Electronic Portal Imaging Device (WE-P12-4)</i>	J. Hessels (c) McGill U. <i>Imaging of the Young, Energetic Radio Pulsar J2021+3651 with the Chandra X-Ray Observatory (WE-P14-2)</i> Session Ends at 16h30 / Fin de la session à 16h30	16h15

TIME HEURE	Other Locations Autres endroits	Ballroom A	Ballroom B	Ballroom C	Colbourne	Kildonan
		↓	↓	↓	↓	↓
16h30		Session Ends / Fin de la session	↓	A. Olin (c) TRIUMF <i>Simulation of the DRAGON Recoil Mass Separator Using GEANT (WE-P5-6)</i>	WICHOSKI, Ubi U.Montreal <i>Status of the Dark Matter Search (WE-P13-2)</i>	DASGUPTA, Arundhati U.Libre de Bruxelles <i>Entropy of a Black Hole Apparent Horizon (WE-P10-5)</i>
16h45			Session Ends / Fin de la session	R. Roy (c) U.Laval <i>Target Proximity Effect in Heavy-Ion Collisions (WE-P5-7)</i>	↓	↓
17h00				Session Ends / Fin de la session	L. Parker (c) U.Waterloo <i>Weak Lensing by Galaxy Groups at Intermediate Redshift (WE-P13-3)</i>	Session Ends / Fin de la session
17h15					M. Landry (c) Hanford U./Caltech <i>Results from LIGO's Second Science Run: A Search for Continuous Gravitational Waves (WE-P13-4)</i>	
17h30					Session Ends / Fin de la session	

Thursday, June 17

TOURS FOR THE OBSERVATORY AND PLANETARIUM (CASCA)

U. of Manitoba Physics Alumni Reunion Events (to celebrate the 100th anniversary of the department)

Meeting of the CAP/NSERC Liaison Committee (09h00 - 12h00) - Strathcona Room, Delta Hotel

Next CAP Annual Congress

2005 June 18-21

at the University of British Columbia, Vancouver, BC

-- CAP's 60th Anniversary and World Year of Physics --

Strathcona	Westminster	Campaign A	Victoria	Albert	Campaign B	TIME HEURE
			↓	↓	WE-P15 (CASCA) MISCELLANEOUS INTRIGUES / INTRIGUES DIVERSES Chair: D. Hanes, Queen's U.	
			Session Ends / Fin de la session	T. Stanescu (c) CrossCancer Inst. <i>Lag Mechanism in Amorphous Selenium Radiation Detectors (WE-P12-5)</i>	J. Kalirai (c) UBC <i>The Initial-Final Mass Relationship (WE-P15-1)</i>	16h30
				J. Battista (c) London Reg.CancerCentre <i>Fundamental Spatial Resolution Limits in Megavoltage X-Ray Detectors (WE-P12-6)</i>	A. Sajina (c) UBC <i>Simulating Spitzer 3-24 micron colour-colour Diagrams Including Redshift Evolution (WE-P15-2)</i>	16h45
		WE-P16 (CAP/ACP) New and Old Council Meeting / Réunion du Conseil (nouveau et ancien)		Session Ends / Fin de la session	I.H. Stairs (c) UBC <i>Geodetic Precession and the System Geometry of PSR B1534+12 (WE-P15-3)</i>	17h00
					WE-P17 (CASCA) Closing and Awards Given for Best Student Presentations / Clôture et remise des prix aux meilleures présentations d'étudiants	17h15
					Session Ends / Fin de la session	17h30

Jeudi, le 17 juin

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