

Room	Session	Date	Time	Presenter	Title
Room C1	801010 Plenary Plénière	Monday, June 11	9:15 AM	Timothy Merlis	Radiatively driven robust atmospheric circulations changes: results from the "diabatic hierarchy" of climate models
Room C3	802020 Acoustics in oceanography and marine sciences - Part 1 L'acoustique en océanographie et sciences de la mer - Partie 1	Monday, June 11	10:30 AM	Dale Ellis	Analysis of spatial and temporal measurements of reverberation, noise, target echo, and feature scattering in a coastal environment
			10:45 AM	Hansen Johnson	Probability of passive acoustic detection of right whales from autonomous platforms equipped with a real-time monitoring system
			11:00 AM	David Barclay	The measurement of muddy seabed properties using passive acoustics
			11:15 AM	Clark Richards	Real-time passive acoustic monitoring in Canada's Northwest Passage
			11:30 AM	Vladislav Petrusevich	Patterns of winter diel vertical migration under sea ice in Hudson Bay.
11:45 AM	Alexandria McTamney	Detecting Fish with a Doppler Current Profiler in Southern Newfoundland			
Room C4	802100 Coastal Oceanography and Inland Waters - Part 1 L'océanographie côtière et les eaux intérieures - Partie 1	Monday, June 11	10:30 AM	Peter Taylor	Modeling Lake Erie circulation and thermal structure and the potential impact of wind farms.
			10:45 AM	Shiliang Shan	Circulation at a triple junction in the Kitimat Fjord
			11:00 AM	Rich Pawlowicz	Seasonal cycles, hypoxia and renewal in Barkley Sound, British Columbia
			11:15 AM	Entcho Demirov	Model study of the impact of hydropower developments on the physical oceanography of Hudson Bay.
			11:30 AM	Kyoko Ohashi	Development of a nested-grid coastal circulation modelling system for the eastern Canadian seaboard using ROMS
11:45 AM	Ben Moore-Maley	Topographic influences on wind-driven upwelling in a semi-enclosed, temperate sea			
Room 101	803060 Air Quality: Modeling and Monitoring of Cumulative effects La qualité de l'air : modélisation et surveillance des effets cumulatifs	Monday, June 11	10:30 AM	Rebecca Saari	Applying large ensembles to filter out natural variability in air quality health impacts of climate change and climate policy
			10:45 AM	weiqing Zhang	The impacts of lake –breeze circulation on ground ozone (O3) concentration
			11:00 AM	Ian Ashpole	Spatial and temporal trends in atmospheric Carbon Monoxide over Canadian cities
			11:15 AM	Leiming Zhang	Development and Evaluation of Polycyclic Aromatic Compound Emissions in the Athabasca Oil Sands Region
11:30 AM	Leiming Zhang	Deposition Mapping of Polycyclic Aromatic Compounds in the Athabasca Oil Sands Region and Links to Cumulative Ecosystem Effects			
Room 103	803040 The Canadian Climate and Atmosphere Research (CCAR) Program - Part 1 Le programme canadien Recherche sur les changements climatiques et l'atmosphère (RCCA) - Partie1	Monday, June 11	10:30 AM	Jon Abbatt	The NETCARE Project: Studying the relationships between aerosol particles and climate in remote Canadian environments
			10:45 AM	James Drummond	Probing the Atmosphere of the High Arctic (PAHA)
			11:00 AM	Paul Kushner	Overview of the Canadian Sea Ice and Snow Evolution Network (CanSISE)
			11:15 AM	Bernardo Stephan Teufel	Investigation of the mechanisms leading to the 2017 Montreal flood
			11:30 AM	Laxmi Sushama	Advances made in understanding, representing and communicating earth system processes in weather and climate within CNRCWP
Room 104	803090 ABL Composition, Processes and Surface-Atmosphere Exchange - Part 1 La composition et les processus de la couche limite atmosphérique et les échanges surface-atmosphère - Part 1	Monday, June 11	10:30 AM	Gulilat Tefera Diro Patrick Lewis Hayes	Improving seasonal forecasts via dynamical downscaling Characterization of aerosol size distributions and optical properties in the Canadian High Arctic
			11:00 AM	Betty Croft	Processes Controlling Summertime Arctic Aerosol Size Distributions
			11:15 AM	Jacob Sommers	Evaluating volatility basis set approach for modeling secondary organic aerosols in 3-D air quality models
			11:30 AM	Brendan Byrne	Monitoring trace gases in downtown Toronto using open-path Fourier transform infrared spectroscopy

Room	Session	Date	Time	Presenter	Title
			11:45 AM	Adam Monahan	Structure of observable meteorological state variables during transitions in the stably stratified nocturnal boundary layer
Room 105	809080 Numerical Methods and Model Development Les méthodes numériques et le développement de modèles	Monday, June 11	10:30 AM	Motoyoshi Ikeda	Guideline for high-resolution ocean models, using a model with probability distribution functions (PDF) of a thermohaline circulation
			10:45 AM	Francois Roy	Semi-Lagrangian Advection in the NEMO Ocean Model
			11:00 AM	David Deepwell	Spectral refining and coarsening of a numerical simulation
			11:15 AM	Christopher Subich	Higher-order finite volume with selective upwinding on the sphere
			11:30 AM	Timothy Chui	Leveraging public cloud infrastructure to produce affordable and reliable numerical weather forecasts
Room 109	804010 High Latitude Systems and Climate Change Les systèmes des hautes latitudes et les changements climatiques	Monday, June 11	10:30 AM	Kent Moore	Collapse of the winter Beaufort High associated with the pan-Arctic intrusion of North Atlantic cyclones: A response to thinning sea ice?
			10:45 AM	Yi Huang	Radiative control of the interannual variability of Arctic sea ice
			11:00 AM	Shiming Xu	Sea Ice Thickness and Snow Depth Retrieval with Data Synergy of Satellite Altimetry and Passive Radiometry
			11:15 AM	André April	Linking of the open water area of the North Open Water polynya to climatic parameters using a multiple linear regression prediction model.
			11:30 AM	Arlan Dirkson	Impact of improved sea ice initialization on real-time Arctic sea ice forecasts from CanSIPS
			11:45 AM	Zhenxia Long	Impacts of climate change in the Arctic Ocean
Room C3	802021 Acoustics in oceanography and marine sciences - Part 2 L'acoustique en océanographie et sciences de la mer - Partie 2	Monday, June 11	1:30 PM	Len Zedel	Design and testing of a swath Doppler sonar system to provide 2-component velocity measurements for sediment transport studies
			1:45 PM	Jenna Hare	Acoustic Transmission Loss and Reflection Coefficient within Water-Saturated Granular Materials at MHz Frequencies
			2:00 PM	Emma Shouldice	An acoustic backscatter model used to simulate Doppler sonar measurements in turbulent flows
			2:15 PM	Rachel Horwitz	Estimating Reynolds stresses and dissipation rates from a non-stationary platform in fast tidal flows
			2:30 PM	Alex Hay	Turbulence in a high-flow tidal channel: A comparison of results from a standard divergent-beam Doppler profiler and a developmental wide-baseline bi-static acoustic Doppler instrument
			2:45 PM	Craig Hamm	New capabilities in underwater acoustic communications modelling and analysis
Room C4	802101 Coastal Oceanography and Inland Waters - Part 2 L'océanographie côtière et les eaux intérieures - Partie 2	Monday, June 11	1:30 PM	Natacha B. Bernier	Recent Progress and Plans for Total Sea Level Forecasting at Environment and Climate Change Canada
			1:45 PM	Li Zhai	Storm surge hindcast in the northeast Pacific
			2:00 PM	Pengcheng Wang	Tidal Modulations of Surface Gravity Waves in the Gulf of Maine
			2:15 PM	Urs Neumeier	Long-term monitoring of waves associated with coastal erosion in the Gulf of St. Lawrence
			2:30 PM	Christoph Renkl	Using Overtides to Evaluate Ocean Model Predictions of Mean Dynamic Topography in Shallow, Tidally-Dominated Regions
			2:45 PM	Andrew Hamilton	Impact of a mine tailings breach on the physical limnology and turbidity of Quesnel Lake, British Columbia: baseline to two years post-breach
Room 101	809090 Atmosphere, Ocean, and Climate Dynamics La dynamique de l'atmosphère, des océans et du climat	Monday, June 11	1:30 PM	David Straub	Stimulated Loss of Balance and the Wave-Vortex Decomposition
			1:45 PM	Dustin Gamblin	Characterizing gravity waves using PASI and SATI at PEARL in Eureka, Nunavut
			2:00 PM	Boualem Khouider	Northward Propagation, Initiation, and Termination of Boreal Summer Intraseasonal Oscillations in a Zonally Symmetric Model

Room	Session	Date	Time	Presenter	Title
			2:15 PM	Yujuan Sun	Performance assessment of a new high-resolution global reanalysis (FIO-COM) on temperature-derived simulations in tropical oceans
			2:30 PM	Eric Oliver	Longer and more frequent marine heatwaves over the past century
			2:45 PM	Stephanie Waterman	The interplay of model resolution, eddy geometry and eddy-mean flow feedbacks
Room 102	807030 Earth System Models: Assessing Earth's State and Fate from Regional to Planetary Scales - Part 1 Les modèles du système terrestre : évaluation de l'état présent et de l'avenir de la Terre aux échelles régionale à planétaire - Partie 1	Monday, June 11	1:30 PM	John Scinocca	Unified Earth System Modelling at the Canadian Centre for Climate Modelling and Analysis
			2:00 PM	Neil Swart	The ocean climate and carbon cycle in the Canadian Earth System Model 5
			2:15 PM	Ali Asaadi	An improved parameterization of leaf area index (LAI) seasonality in the Canadian Terrestrial Ecosystem Model (CTEM) v.2.1.1
			2:30 PM	Christopher G. Fletcher	Quantifying the influence of snow parameterizations on climate in the Canadian LAnd Surface Scheme (CLASS)
			2:45 PM	Boualem Khouider	Using a stochastic convective parametrization to improve the simulation of tropical modes of variability in a GCM
Room 103	803041 The Canadian Climate and Atmosphere Research (CCAR) Program - Part 2 Le programme canadien Recherche sur les changements climatiques et l'atmosphère (RCCA) - Partie 2	Monday, June 11	1:30 PM	Julie Thériault	The Changing Cold Regions Network: Atmospheric, Cryospheric, Ecological and Hydrological Change in the Saskatchewan and Mackenzie River Basins, Canada
			1:45 PM	Jai Prakash Chaubey	Cloud Condensation Nuclei over remote Canadian Arctic ocean during Summer: Results from Amundsen ship cruise of 2016
			2:00 PM	Christopher Fletcher	The role of terrestrial snow in climate variability and change: emerging insights from the CanSISE network
			2:15 PM	Paul Myers	VITALS - Ventilation, Interactions and Transports Across the Labrador Sea
			2:30 PM	Susan Allen	Modeling 230Th as an approach to study the intermediate circulation in the Arctic Ocean
			2:45 PM	Yarisbel Garcia Quintana	Sensitivity of Labrador Sea Water formation to changes in model resolution, atmospheric forcing and freshwater input
Room 104	803091 ABL Composition, Processes and Surface-Atmosphere Exchange - Part 2 La composition et les processus de la couche limite atmosphérique et les échanges surface-atmosphère - Part 2	Monday, June 11	1:30 PM	Morgan Mitchell	Examining the Role of Local Precursors and Long-Range Transport in Halifax Ground Level Ozone Formation
			1:45 PM	Herb Winston	Combining gradient and profile fit method for an advanced ceilometer-based boundary layer height detection algorithm
			2:00 PM	Nicolas GASSET	Toward a 35-years North American Precipitation and Surface Reanalysis
			2:15 PM	George Burba	CO2/H2O Flux Measurements Using New Open-Path Low-Power Standardized Automated System
			2:30 PM	John Kochendorfer	Eddy covariance fluxes using a new low-cost relative humidity sensor
			2:45 PM	Alexander Moravek	Volatilization and uptake of ammonia by a urea-fertilized corn field: eddy covariance flux measurements over the growing season
Room 105	809020 Integrated Predictions for Best Responses Les prévisions intégrées au service des interventions éclairées	Monday, June 11	1:30 PM	Gordon McBean	Informing Canadians to Best Address Global Agenda 2030
			1:40 PM	Wendy Watson-Wright	Safe and Sustainable Development of the Ocean Frontier
			2:00 PM	Shawna Peddle	FloodSmart Canada: Communication that Motivates and Drives Flood Risk Management in Canada
			2:15 PM	Michel Jean	Future Seamless Data-Processing and Forecasting System : Improving Nations Readiness through Continuous Global Science and Technology Advancements
			2:30 PM	james abraham	A prediction challenge: making our cities resilient

Room	Session	Date	Time	Presenter	Title
			2:45 PM	Paul Kovacs	Communicating hurricane risk in Eastern Canada: Enhancing the communication lines between the Canadian Hurricane Centre, municipalities and insurers
Room 109	804020 Advancements in the in situ measurement of solid precipitation Les progrès de la mesure in situ des précipitations solides	Monday, June 11	1:30 PM	Michael Earle	WMO-SPICE: overview, methods, and Canadian perspective
			2:00 PM	John Kochendorfer	The testing and development of transfer functions for tipping-bucket precipitation gauges in WMO-SPICE
			2:15 PM	Amandine Pierre	Snowy opportunities at the NEIGE site, Montmorency Forest, Québec, Canada.
			2:30 PM	Craig D. Smith	Post-SPICE transfer function validation
			2:45 PM	Amandine PIERRE	Validation and adjustment of snowfall measurement biases for hydrological purposes in a snowy and cold boreal environment at Forêt Montmorency, Québec
Room C1	801011 Plenary Plénière	Tuesday, June 12	8:30 AM	James Drummond	Atmospheric Research at the Polar Environment Atmospheric Research Laboratory (PEARL)
Room C1			9:15 AM	Eriel Deranger	Indigenous Climate Action
Room C3	802090 Physical Oceanography - Part 1 L'océanographie physique - Partie 1	Tuesday, June 12	10:30 AM	Clark Pennelly	Influence of Atmospheric Forcing on processes within the North Atlantic Sub-Polar Gyre
			10:45 AM	David Deepwell	Multi-scale phenomena of rotation modified mode-2 internal waves
			11:00 AM	Stephanne Taylor	Extraction of balanced energy from a geostrophic flow due to near-inertial forcing
			11:15 AM	Sandy Gregorio	Forced and intrinsic interannual AMOC variability: an OGCM-based frequency-latitude analysis
			11:15 AM	Francis Poulin	Investigating the Dynamics of the Beaufort Gyre
			11:30 AM	Daisuke Hasegawa	Mixing processes of the Oyashio and Tsugaru Warm Current in the Northwestern Pacific
			11:45 AM	Guoqiang Liu	Surface Wave Impacts on the Ocean Responses to a Moving Storm
Room C4	803080 General Session - Atmosphere Séance générale : L'atmosphère	Tuesday, June 12	10:30 AM	Christopher Perro	Satellite Retrievals of Total Column Water Vapour During Arctic Winter
			10:45 AM	Paul Jeffery	Water Vapor Retrievals from the PARIS-IR Arctic Springtime Dataset
			11:00 AM	Taylor Gray	Sensitivity Analysis of Spectroscopic Retrievals of Atmospheric Composition
			11:15 AM	John Gyakum	Analysis and Prediction of a Large-scale Atmospheric Circulation Regime in the eastern North Pacific Basin
			11:30 AM	G.S. Strong	Variation of Precipitation with Elevation on Vancouver Island
			11:45 AM	Toshihisa Itano	Optimal excitation of perturbations on a cylindrical shear region around an axial flow
Room 101	803020 GOES-16 – Activities and Applications - Part 1 GOES-16 activités et applications - Partie 1	Tuesday, June 12	10:30 AM	Matt Arkett	GOES-R for the Meteorological Service of Canada
			10:45 AM	James McNitt	The GOES-16 and GOES-S Direct Broadcast Services
			11:00 AM	Wayne MacKenzie	GOES-16 & GOES-17 Operational Product Status and Validation Plans
			11:15 AM	Geoffrey Stano	Early Operational Activities with the Geostationary Lightning Mapper
			11:30 AM	R Ford	GOES-R User Training in ECCO
			11:45 AM	Janel Thomas	GOES-R Series International Training Working Group
Room 103	807010 Climate Variability and Predictability - Part 1 La variabilité et la prévisibilité du climat - Partie 1	Tuesday, June 12	10:30 AM	Gilbert Brunet	Identifying wave processes associated with predictability across time scales: An empirical normal mode approach
			10:45 AM	Song Yang	Selective Monsoon-ENSO Interaction: Active Role of the Southeast Asian Monsoon
			11:00 AM	Karen Smith	Beyond the annual mean: ENSO-driven interannual wintertime AMOC variability

Room	Session	Date	Time	Presenter	Title
			11:15 AM	Barrie Bonsal	Hydro-Climatic Variability and Extremes over the Athabasca River Basin: Historical Trends and Projected Future Occurrence
			11:30 AM	Yaheng Tan	Characteristics of Atmospheric Rivers and Their Association with Extreme Precipitation in a Changing Climate
			11:45 AM	Sarah Hyatt	Influence of Internal Variability on the Northern Extratropical Climate Response to External Forcing
Room 104	809060 Satellite Remote Sensing: Vital Information on the Health of the Planet - Part 1 La télédétection par satellite : des informations vitales sur la santé de la planète - Partie 1	Tuesday, June 12	10:30 AM	Francois Montagner	EUMETSAT Meteorological and Environmental Satellite Services
			10:45 AM	James Drummond	Carbon Monoxide as Seen from the MOPITT instrument
			11:00 AM	Ellen Eckert	Using Atmospheric Trace Gases like CCl <sub>4</sub> to derive key Parameters of the Brewer-Dobson Circulation
			11:15 AM	Kaley Walker	Validation and Scientific Results from the Canadian Atmospheric Chemistry Experiment (ACE) Satellite Mission
			11:30 AM	Patrick Sheese	Estimations of natural variability between satellite measurements of trace species concentrations
			11:45 AM	Daniel Zawada	The SAGE II/OSIRIS/OMPS-LP USask 2D Ozone Data Record and its use Within the LOTUS Initiative
Room 105	804030 General Session - Cryosphere Séance générale : La cryosphère	Tuesday, June 12	10:30 AM	Thomas Newman	Parameterizing the radar-scale roughness of snow on sea ice: a wavelet-based approach
			10:45 AM	Alex Cabaj	Comparison of regionally-averaged Arctic snowfall rates from CloudSat and reanalysis products
			11:00 AM	Dany Dumont	Propagation and attenuation of short waves in the marginal ice zone
			11:15 AM	Richard Dewey	A Sea-Ice Forecast Model for Cambridge Bay, Nunavut
Room C3	802091 Physical Oceanography - Part 2 L'océanographie physique - Partie 2	Tuesday, June 12	1:30 PM	Zeliang Wang	What we can know about the North Atlantic Ocean from satellite data
			1:45 PM	Benjamin Richaud	Surface and bottom temperature and salinity climatology along the continental shelf off the Canadian and U.S. East Coasts
			2:00 PM	Andrew Hamilton	Propagation of subsurface Atlantic Water into the Canadian Arctic and its potential to trigger retreat of outlet glaciers
			2:15 PM	Bash Toulany	Testing TSA performance with ST4 physics over Global grid
			2:45 PM	Louis-Philippe Nadeau	Barotropic and baroclinic equilibration of the Antarctic Circumpolar Current
			2:45 PM	Junde Li	The salinity anomalies and its impact on the Equatorial Undercurrent in the tropical Indian Ocean during the IOD
Room C4	809010 Big Data and Artificial Intelligence in Meteorological, Oceanographic, and Environmental Applications - Part 1 L'application des mégadonnées (big data) et de l'intelligence artificielle à la météorologie, à l'océanographie et à l'environnement - Partie 1	Tuesday, June 12	1:30 PM	Thomas Trappenberg	Artificial Intelligence and Deep Learning: a mini workshop demystifying the current techniques in the field
Room 101	803021 GOES-16 – Activities and Applications - Part 2 GOES-16 activités et applications - Partie 2	Tuesday, June 12	1:30 PM	Louis Garand	Assimilation of GOES-16 Atmospheric Motion Vectors into the ECCO Global Deterministic Prediction System
			1:45 PM	Victor Kwok K Chung	A qualitative verification of the performance of a Convective Cloud Mask using GOES-16 and GOES-13 data
			2:00 PM	Prasamsa Singh	Terrestrial and Marine fog detection over Canada
			2:00 PM	Hong Lin	Exploration of Geostationary Lightning Mapper Products for Canadian Applications
			2:15 PM	Kathryn Mozer	GOES-R Series ABI Mesoscale Domain Sector Request Process for International Users

Room	Session	Date	Time	Presenter	Title
			2:30 PM	Lewis Poulin	GOES-16 in the CCMEP environment and some post processing examples of L1b and L2 data
Room 102	803070 Convection and Cloud Physics La convection et la physique des nuages	Tuesday, June 12	1:30 PM	Chun-Chih Wang	Convection initiation by lake breeze convergence during the 2015 Environment Canada Pan Am Science Showcase
			1:45 PM	Liviu Ivanescu	SACIA investigation into UTLS aerosol-cloud interactions during the polar winter
			2:00 PM	Jean-Pierre Blanchet	Advancing Cloud Microphysics Observations in Cold Polar Air Formation
			2:15 PM	Peter Taylor	Mesoscale Boundaries and Convective Storm Development in Southwestern Ontario
			2:30 PM	Emily McCullough	Lidar measurements of thin layers at high resolution within Arctic clouds
			2:45 PM	Ian Folkins	Tropical rainfall variance in a modified version of the Community Atmosphere Model
Room 103	807011 Climate Variability and Predictability - Part 2 La variabilité et la prévisibilité du climat - Partie 2	Tuesday, June 12	1:30 PM	Rachel Altman	Statistical Modelling of Annual Rainfall Pattern in Guanacaste, Costa Rica
			1:45 PM	Marc De Benedetti	Impact of Resolution on the Representation of Precipitation Variability Associated With the ITCZ
			2:00 PM	Hai Lin	Eastern Canada flooding 2017 and its subseasonal predictions
			2:15 PM	Lei Wang	Subseasonal Climate Predictability over the United States assessed from ECMWF and NCEP models
			2:30 PM	Nicholas Soulard	Tropical Forcing of the Circumglobal Teleconnection Pattern
			2:45 PM	Yang Zhou	Effects of the Madden Julian Oscillation on 2 m Air Temperature Prediction over China during Winter in the S2S Database
Room 104	809061 Satellite Remote Sensing: Vital Information on the Health of the Planet - Part 2 La télédétection par satellite : des informations vitales sur la santé de la planète - Partie 2	Tuesday, June 12	1:30 PM	Alexander Trishchenko	Does all the snow melt in the Canadian Arctic Archipelago during summer?
			1:45 PM	Matthew Cooper	Assessing snow extent data sets over North America to inform trace gas retrievals from solar backscatter observations
			2:00 PM	Fraser King	Using CloudSat snowfall estimates to evaluate gridded snow products
			2:15 PM	Hui Shen	Remote Sensing of Waves Propagating in the Marginal Ice Zone by SAR
			2:30 PM	Christopher Schmidt	Fire Detection and Monitoring with GOES-16
			2:45 PM	Pedro Campos	Evaluation des Méthodes d'Interpolation Spatiale et des Techniques de Télédétection dans la Caractérisation Bathymétrique du Plateau Continental de l'État Rio Grande do Norte, Brésil.
Room 105	802070 Development, performance, and implementation of oceanographic sensors and instrument platforms - Part 1 Le développement, le fonctionnement et la mise en œuvre de capteurs et de plateformes d'instruments océanographiques - Partie 1	Tuesday, June 12	1:30 PM	Douglas Wallace	Towards Process Understanding with Advanced, Multidisciplinary Ocean Time-Series Sites.
			1:45 PM	Mark Halverson	Dynamic corrections for the RBR inductive conductivity cell: Results from an autonomous profiling float
			2:00 PM	Cédric Chavanne	Do high-frequency radars measure the wave-induced Stokes drift?
			2:15 PM	Meghan Troup	An Autonomous Hovercraft for Bathymetric Surveying in Shallow Waters
			2:30 PM	Jude Van der Meer	Lessons learned operating autonomous ocean vehicles
Room C3	802120 Operational Oceanography L'océanographie opérationnelle	Tuesday, June 12	3:30 PM	Jean-Philippe Paquin	Development of nearshore circulation model for Saint John Harbour based on NEMO
			3:45 PM	Francois Montagner	Satellite data for operational oceanography at high latitudes
			4:00 PM	Yimin Liu	Development of a Pan-Canadian Operational Regional Ocean Data Assimilation System
			4:15 PM	Ian Thompson	Using wave hindcast data for ship structure and stability assessment
			4:30 PM	Steven Beale	Ensemble Approaches to Marine Forecasting
			4:45 PM	Zhigang Xu	On Virtual Tide Gauges

Room	Session	Date	Time	Presenter	Title
Room C4	809011 Big Data and Artificial Intelligence in Meteorological, Oceanographic, and Environmental Applications - Part 2 L'application des mégadonnées (big data) et de l'intelligence artificielle à la météorologie, à l'océanographie et à l'environnement - Partie 2	Tuesday, June 12	3:30 PM	Fraser Davidson	A novel approach for improving accessibility, understanding and performance of Ocean Prediction Systems
			3:45 PM	Hossein Ghannadrezaii	FHSS-BFSK JANUS-Based protocol for Underwater Hybrid Cellular-Ad hoc Network
			4:00 PM	Mingshi Chen	Development of Vegetation Products With Multiple Spatial-temporal Resolutions From SNPP and JPSS VIIRS For Environmental Modeling and Monitoring
			4:15 PM	Andrew Snauffer	SWE data fusion by machine learning: an examination of performance by physiographic region
			4:30 PM	Christian Saad	PROGNOS: A renewed statistical post-processing infrastructure and opportunity for AI applications for the Meteorological Service of Canada (MSC)
Room 101	807060 General Session - Climate Séance générale : Le climat	Tuesday, June 12	4:45 PM	Fabio Frazao	MERIDIAN is Listening to the Sounds of the Ocean with Deep Learning
			3:30 PM	Kenneth Devine	The Not So Simple Tipping Bucket
			3:45 PM	Francisco José Cuesta-Val	Long-term Surface Temperature (LoST) Database as a Complement for GCM Preindustrial Simulations
4:00 PM	Richard Harvey	Observed and modelled above-canopy, subcanopy and ground energy budgets at a Quebec boreal forest site: a comparison between EVAP data and CLASS			
Room 101	807040 Science for Canadian Climate Services La science pour les services climatologiques canadiens	Tuesday, June 12	4:15 PM	Diane Chaumont	EASE OF PRODUCTION AND USE VERSUS SCIENTIFIC NOVELTY IN A CLIMATE PRODUCT: OURANOS' EXPERIENCE IN THE EVALUATION OF ADDED VALUE FROM AN END-USER PERSPECTIVE
			4:30 PM	Trevor Smith	PAVICS: A platform for the Analysis and Visualization of Climate Science - toward inter-operable multidisciplinary workflows
			4:45 PM	Alex Cannon	Future rainfall Intensity-Duration-Frequency curves in Canada from convection-permitting climate model simulations: a Generalized Extreme Value simple scaling approach
Room 102	809110 General Session - Interdisciplinary Séance générale : Les travaux interdisciplinaires	Tuesday, June 12	3:30 PM	Sandrine Edouard	Les services de données du SMC: vers une forum de données ouvertes en 2019
			3:45 PM	Chad Mahoney	Variable Energy Resources: Operational Energy Forecasting Approaches
			4:00 PM	David Anselmo	CMC Operations: Implementing Operational Weather and Environment Prediction Systems and the Advent of a New HPC Infrastructure
Room 102	805010 General Session - Hydrology Séance générale : L'hydrologie	Tuesday, June 12	4:15 PM	Charles Curry	Twenty-First Century Hydrologic Change and Extreme Streamflow in the Fraser River Basin of British Columbia
Room 102	809100 Societal Applications: Transforming Weather, Marine and Climate Communication through Policy, Research and Practice L'utilité pour la société de la transformation des communications liées à l'atmosphère, aux océans et au climat grâce aux politiques, à	Tuesday, June 12	4:30 PM	Rebecca Segal	Combining remote sensing and community sea ice information to inform safe travel in the Kitikmeot region of Nunavut, Western Canadian Arctic
Room 103	807020 Processes and Impacts of climate change in the Arctic realm: from past to future Les processus et les impacts des changements climatiques dans l'Arctique : du passé à l'avenir	Tuesday, June 12	4:45 PM	Blair Greenan	Educating coastal communities on sea level rise
			3:30 PM	Diane Chaumont	CLIMATE SCENARIOS FOR CANADIAN ARCTIC BASED ON REANALYSIS PRODUCTS AND REGIONAL CLIMATE MODEL OUTPUTS
			3:45 PM	Natasha Ridenour	Modelling High Frequency Variability in Hudson Strait Outflow
4:00 PM	Anne de Vernal	seasonally sea ice free eastern Arctic Ocean during the early-mid Holocene			
Room 103	809050 Changing Arctic: Science and Policy Studies L'évolution de l'Arctique : études scientifiques et politiques	Tuesday, June 12	4:15 PM	David Fissel	Spatial Variability of the Ice Drift Response to Wind Forcing in the Canadian Beaufort Sea as Revealed from a Dense Array of Moored Upward Looking Sonar Instruments

Room	Session	Date	Time	Presenter	Title
			4:30 PM	Motoyoshi Ikeda	Circulation patterns in and origins of the lower Arctic Ocean shown in geochemical data
			4:45 PM	Ronald Saper	A COMPARISON OF THE STATISTICAL AND DETERMINISTIC APPROACHES TO FORECASTING SHORT TERM ICEBERG DRIFT ON THE GRAND BANKS
Room 104	809062 Satellite Remote Sensing: Vital Information on the Health of the Planet - Part 3 La télédétection par satellite : des informations vitales sur la santé de la planète - Partie 3	Tuesday, June 12	3:30 PM	Lewis Poulin	A new era in monitoring the earth's atmosphere, land and ocean surface from geostationary satellite with GOES-R
			3:45 PM	Jeff Langille	Spatial Heterodyne Observations of Atmospheric Water Vapour from the NASA ER-2 airplane
			4:00 PM	Zhipeng Qu	Using high-resolution NWP model and satellite data to understand the injection of water vapor into the mid-latitude lower stratosphere by convective clouds
			4:15 PM	Kristof Bogнар	Validation of ACE and OSIRIS ozone and NO2 measurements using ground-based instruments in Eureka
			4:15 PM	Doug Degenstein	The Raven Mission
			4:30 PM	Kaley Walker	The proposed Chemical and Aerosol Sounding Satellite (CASS) Mission
			4:45 PM	William Ward	An Ozone-Dynamics mission for the middle atmosphere
Room 105	802071 Development, performance, and implementation of oceanographic sensors and instrument platforms - Part 2 Le développement, le fonctionnement et la mise en œuvre de capteurs et de plateformes d'instruments océanographiques - Partie 2	Tuesday, June 12	3:30 PM	Rich Pawlowicz	The Salish Sea CitSci dataset 2015-2018
			3:45 PM	Chris L'Esperance	A Novel, Underway Gas Chromatography System: Realized Application in the Eastern Tropical South Pacific
			4:00 PM	Mark Barry	A new gas tension instrument for oceanography: one measurement parameter, a myriad of applications and solutions
			4:15 PM	Bruce Johnson	Development of a submersible dissolved inorganic carbon (DIC) sensor
			4:30 PM	Christopher Gordon	Observing Biogeochemical Processes in the Gulf of Mexico using a set of Uniquely-Equipped Autonomous Floats
			4:45 PM	David Lemon	Ocean Glider Mounted Echo Sounders for Monitoring Fish and Zooplankton Populations
Room C1	801012 Plenary Plénière	Wednesday, June 1:	8:30 AM	Roberta Hamme	Observing the Ocean Take a Breath
			9:15 AM	Amy Mathews Amos	Breaking Through the Barriers: Communicating Science in the Post-Truth Era
Room C3	808030 Risks and impacts relating to the insurance industry Les risques et les impacts : la perspective du secteur de l'assurance	Wednesday, June 1:	10:30 AM	Jonathan Gadoury	Using machine learning to create a wildfire risk map
Room C4	802102 Coastal Oceanography and Inland Waters - Part 3 L'océanographie côtière et les eaux intérieures - Partie 3	Wednesday, June 1:	10:30 AM	Susan Allen	Properties of the Exchange through a Tidal Mixing Hotspot at an Estuary Constriction
			10:45 AM	DanLing Tang	"Wind Pump" Effects on Marine Ecosystems
			11:00 AM	Jing Tao	Variability of suspended particle properties and distribution using optical measurements within the Columbia River Estuary
			11:15 AM	Kent Moore	The May 2017 Collapse of the Lincoln Sea Ice Arch in response to thin ice and wind forcing
			11:30 AM	Gonzalo Saldias	On subsurface cooling associated with the Biobio River Canyon (Chile)
			11:45 AM	Samantha Jones	An integrated look at carbon cycling in Freshwater Creek and Cambridge Bay, Nunavut
Room 101	806010 General Session - Weather - Part 1 Séance générale : Les phénomènes météorologiques - Partie 1	Wednesday, June 1:	10:30 AM	Lucy Chisholm	An Overview of the Forecasting and Impacts of the January 2017 New Brunswick Freezing Rain Event



Room	Session	Date	Time	Presenter	Title
			10:45 AM	Carmen Hartt	Recent work in the Analysis & Prognosis Section of the Canadian Centre for Meteorological and Environmental Prediction
			11:00 AM	Ujjwal Tiwari	Regional modelling of weather conditions surrounding a tragic disaster in Mount Everest
			11:15 AM	Yingkai Sha	The post-processing of gridded numeric weather forecast with Extreme Learning Machine in British Columbia, Canada
			11:30 AM	Guosheng Zhang	Spaceborne Synthetic Aperture Radar Applications on Tropical Cyclone Studies
			11:45 AM	Eyad Atallah	A Simple Definition of Flow Regimes and its Relationship to High Impact Weather Events
Room 102	809070 Research and operational activities supporting the Year of Polar Prediction - Part 1 La recherche et les activités opérationnelles en soutien à l'Année de la prévision polaire - Partie 1	Wednesday, June 1:	10:30 AM	Paul Pestieau	The Year of Polar Prediction: International and Canadian perspectives
			11:00 AM	Gabrielle Gascon	Pre-Year of Polar Prediction Evaluation of Numerical Weather Prediction Models for the Canadian Arctic
			11:15 AM	Fraser Davidson	Evaluation of an Argo equivalent float deployment on the Labrador Shelf: for better understanding of ocean circulation and prediction systems on the shelf.
			11:30 AM	Gregory Smith	Impact of small-scale coupled atmosphere-ice-ocean interactions: Results from the Canadian high-resolution forecasting system for YOPP
			11:45 AM	Gilbert Brunet	Model process-based evaluation using high-frequency multi-variate observations at the Arctic supersites during the Year of Polar Prediction
Room 103	807050 Regional Climate Analysis and Projections - Part 1 Les analyses et les projections du climat régional - Partie 1	Wednesday, June 1:	10:30 AM	Peter Taylor	An Ontario Jet Stream Core Climatology
			10:45 AM	Housseyni Sankare	Sensitivity study of available potential energy budget to optically thin ice clouds during the Arctic polar night
			11:00 AM	Lei Wang	The impact of climate change on the wave climate in the Gulf of St. Lawrence
			11:15 AM	J.P. René Laprise	Towards a Canadian Coupled Atmosphere-Ocean Regional Climate Model
			11:30 AM	Philippe Gachon	Future changes in wintertime occurrence and intensity of extratropical cyclones over the eastern coast of North America
Room 104	807031 Earth System Models: Assessing Earth's State and Fate from Regional to Planetary Scales - Part 2 Les modèles du système terrestre : évaluation de l'état présent et de l'avenir de la Terre aux échelles régionale à planétaire - Partie 2	Wednesday, June 1:	10:30 AM	Karen Smith	The Impact of Stratospheric Circulation Extremes on Minimum Arctic Sea Ice Extent
			10:45 AM	Thomas Oudar	Northern Hemisphere climate response to anthropogenic aerosols in the CanESM2 large ensemble
			11:00 AM	Haruki Hirasawa	Role of Atmospheric and Oceanic Forcing in the Climate Response to Anthropogenic Aerosols
			11:15 AM	Lei Wang	Large impacts, past and future, of ozone depleting substances on Brewer-Dobson circulation trends: A multi-model assessment
			11:30 AM	Andrew MacDougall	Should we abandon the 1% experiment for evaluating carbon cycle feedbacks to climate change?
			11:45 AM	Yann Chavaillaz	Heat stress and labour productivity loss due to cumulative CO2 emissions
Room 105	802030 Ocean Observing Programs and Coordinated Ocean Information Management Les programmes d'observation des océans et la gestion coordonnée de l'information océanographique	Wednesday, June 1:	10:30 AM	Anne-Sophie Ste-Marie	Collaboration and network consolidation: enabling ocean observing data discovery and dissemination
			10:45 AM	Katja Fennel	Biogeochemical Argo as an essential component of a North Atlantic Ocean Observing System
			11:00 AM	Kimberley Davies	Using gliders to monitor North Atlantic right whales and their habitat in the Gulf of St. Lawrence

Room	Session	Date	Time	Presenter	Title
			11:15 AM	Melany Belzile	Glider measurements on the Scotian Shelf as part of a monitoring program
			11:30 AM	Brad Covey	Managing Data from Autonomous Underwater Vehicles
			11:45 AM	Doug Wallace	LabSea2020 – A new, “bottom-up”, international cooperative research initiative in the Labrador Sea
Room C3	802040 Go with the flow: managing marine life in a dynamic ocean Suivre son cours : la gestion de la vie marine dans un océan dynamique	Wednesday, June 1:	1:30 PM	Wendy Gentleman	Currently misdirected: Big steps toward improving random walk modelling
			1:30 PM	Rich Pawlowicz	An Expendable Drifter Study of Dispersion in the Salish Sea
			1:45 PM	Janelle M. Hrycik	Estimating dispersal in aquatic systems using a new technology and comparisons with conventional methods
			2:00 PM	Krysten Rutherford	Residence times and transport pathways on the northwestern North Atlantic continental shelf: Results from a numerical tracer analysis
			2:15 PM	Tara Howatt	A Physical Perspective on Zooplankton Distributions in Roseway Basin
			2:30 PM	Remi Daigle	Marxan Connect: Operationalizing ecological connectivity in spatial conservation planning
			2:45 PM	Arieanna Balbar	The use of connectivity in the design of networks of marine protected areas
Room C4	802060 Collaboration in development, evaluation and analysis of ocean circulation and biogeochemical models - Part 1 La collaboration liée au développement, à l'évaluation et à l'analyse des modèles biogéochimiques et de circulation océanique - Partie 1	Wednesday, June 1:	1:30 PM	Paul Myers	NEMO modelling with the Arctic Northern Hemisphere Atlantic Configuration
			1:45 PM	Frederic Dupont	Latest hindcast of the 1/12th degree resolution Arctic-North Atlantic ice-ocean configuration at ECCO
			2:00 PM	Xianmin Hu	Preliminary results of ocean and sea-ice hindcasting during 1993-present for North Atlantic, Arctic and North Atlantic Oceans
			2:15 PM	John Smith	Applications of 129I and gas ventilation tracers in transit time distribution (TTD) circulation models in the Arctic Ocean
			2:30 PM	Li Zhai	Sea level and meso-scale eddy variability during 2007-2016 in the Northeast Pacific simulated by a high-resolution regional ocean model
			2:45 PM	Yuan Wang	The role of tidal circulation in the regional circulation and hydrographic distribution in the eastern Canadian shelf
Room 101	806011 General Session - Weather - Part 2 Séance générale : Les phénomènes météorologiques - Partie 2	Wednesday, June 1:	1:30 PM	Herb Winston	Automated continuous water vapor profile measurements in Iqaluit, Nunavut, using a new ground-based DIAL lidar.
			1:45 PM	Mateusz Reszka	Error characterization and data assimilation experiments using surface observations over North America
			2:00 PM	Michael Palmer	Weather Research Forecast Data Ingestion for Renewable Energy Applications
			2:15 PM	Ahmed Mahidjiba	Towards a new Canadian weather radar network and the roll-out of modern operational radar products for end-users
			2:30 PM	Michael Folmer	Addressing Marine Weather Challenges using the Next Generation of Weather Satellites
			2:45 PM	John MacPhee	Renewal of E-based training course - Atmospheric Monitoring
Room 102	809071 Research and operational activities supporting the Year of Polar Prediction - Part 2 La recherche et les activités opérationnelles en soutien à l'Année de la prévision polaire - Partie 2	Wednesday, June 1:	1:30 PM	Ji Lei	Ice verification across the CCMEP forecast systems
			1:45 PM	Erik Johnson	Fram Strait winter sea-ice areal export as a preconditionner the summer sea ice minimum extent: Global Climate Models vs observations
			2:00 PM	Charles Brunette	Winter coastal divergence as a predictor for the minimum sea ice extent in the Laptev Sea
			2:15 PM	Arlan Dirkson	Multi-model Probabilistic Seasonal Forecasts of Regional Arctic Sea Ice Coverage
			2:30 PM	Bertrand Denis	Forecasting Regional Arctic Sea Ice from a Month to Seasons (FRAMS)

Room	Session	Date	Time	Presenter	Title			
Room 103	807051 Regional Climate Analysis and Projections - Part 2 Les analyses et les projections du climat régional - Partie 2	Wednesday, June 1	2:45 PM	Rachel Chang	Improving visibility forecasting in summer time polar fog			
			1:30 PM	Almudena García-García	Simulated air-ground temperature coupling and extreme events: the role of the Land Surface Model			
			1:45 PM	Magdalena Mittermeier	Detecting the Dynamics of Heavy Precipitation Weather Patterns under Climate Change using a Machine Learning Algorithm			
			2:00 PM	Faron Anslow	Objective Analysis of Observational Network Sufficiency in BC's Complex Topography			
			2:15 PM	Sebastien Biner	Validation of the Ouranos Reconstructed Climate for the Province of Québec (CROQ)			
Room 104	807032 Earth System Models: Assessing Earth's State and Fate from Regional to Planetary Scales - Part 3 Les modèles du système terrestre : évaluation de l'état présent et de l'avenir de la Terre aux échelles régionale à planétaire - Partie 3	Wednesday, June 1	1:30 PM	Gerhard Krinner	Bias-corrected regional climate projections with a stretched-grid AGCM			
			1:45 PM	Laxmi Sushama	State-of-the-art and knowledge gaps in Arctic terrestrial modelling			
			2:00 PM	Gulilat Tefera Diro	Snow-precipitation coupling and related atmospheric feedbacks over North America			
			2:15 PM	Bernardo Stephan Teufel	Northern Hemisphere Terrestrial Cryosphere in 1.5, 2 °C warming scenarios			
			2:30 PM	Paul Kushner	Canadian Snow and Sea Ice: Assessment of Snow, Sea Ice, and Related Climate Processes in Canada's Earth-System Model and Climate-Prediction System			
Room 105	803050 Fog or Low Visibility - Part 1 Le brouillard ou la faible visibilité - Partie 1	Wednesday, June 1	1:30 PM	Terry Bullock	The Application of Monitoring and Forecasting to Harsh Marine Environment Decision Making			
			1:30 PM	Joelle Dionne	Examining the sensitivity of the radiative properties of modelled low clouds in the summer Arctic to cloud droplet number concentration			
			2:00 PM	Wensong Weng	Boundary layer and WRF-SCM modelling of marine fog			
			2:15 PM	George Isaac	Microphysical Characteristics of Marine Fog Offshore Newfoundland			
			2:30 PM	Rachel Chang	Fog and aerosol microphysics on the coast of Nova Scotia			
Room C1	801013 Plenary Plénière	Thursday, June 14	8:30 AM	Chris Fogarty	Impacts of Tropical and Post-tropical Cyclones in Eastern Canada			
			9:15 AM	Kevin Quigley	Risk Analysis at the Science-Policy Interface: From narrow and naïve to clunky and ambiguous			
			Room 103	808010 Weather, shipping and subsistence activities in Arctic regions La météo, la navigation et les activités de subsistance dans les régions	Thursday, June 14	10:30 AM	Alec Casey	Continuous, ship-based sea ice thickness surveys in Hudson Strait
						10:45 AM	Adrienne Tivy	Implementation of an Arctic Polar Regional Climate Centre
						Room C3	802110 History of Canadian Oceanography Histoire de l'océanographie canadienne	Thursday, June 14
2:00 PM	CarolAnne Black	Defining territorial waters: the role of science in policymaking						
2:15 PM	Oksana Schimnowski	Vessel traffic in Canada's Arctic historic to present: examining trends, voyage patterns and extent (with a focus on oceanographic and research ships)						
Room C4	802061 Collaboration in development, evaluation and analysis of ocean circulation and biogeochemical models - Part 2 La collaboration liée au développement, à l'évaluation et à l'analyse des modèles biogéochimiques et de circulation océanique - Partie 2	Thursday, June 14	2:30 PM	Cristina Tollefsen	Early Oceanographic Research at the Naval Research Establishment, Dartmouth			
			1:30 PM	Timothee Bourgeois	From the North Pacific to the North Atlantic: Modelling the Arctic Ocean biogeochemical connectivity			
			1:45 PM	Arnaud Laurent	An intercomparison of regional versus global biogeochemical models in Atlantic Canadian shelf waters			

Room	Session	Date	Time	Presenter	Title
			2:00 PM	Elise Olson	Salish Sea Model Ecosystem - Lower Trophic: Evaluation and episodic nutrient supply in the Northern Strait of Georgia
			2:15 PM	Fabian Grosse	Quantifying the relative importance of anthropogenic nutrients in coastal marine ecosystems through element tracing: A case study for the northern Gulf of Mexico
			2:30 PM	Jonathan Izett	Estimating the Cross-Shelf Export of Riverine Materials
			2:45 PM	Liuqian Yu	Simulating deep-water hydrocarbon plumes with a data-assimilative model of the Gulf of Mexico
Room 102	809040 Coupled Environmental Prediction La prévision environnementale couplée	Thursday, June 14	1:30 PM	C. Harold Ritchie	Overview of CONCEPTS Coupled Environmental Prediction Systems
			1:45 PM	Dorothy Durnford	A comparison of the net basin supply of the Great Lakes as simulated and as derived from observations
			2:00 PM	Doug Latornell	SalishSeaCast: Coupled bio-chem-physical Ocean Model with downstream Waves, Near-shore Circulation and Oil Spill Model
			2:15 PM	Jean-Pierre Auclair	Dynamical modeling of the marginal ice zone: a process study in one dimension
			2:30 PM	Minghong Zhang	Air-sea-ice interactions during the Great Arctic Cyclone of August 2012
			2:45 PM	Lei Wang	Subseasonal Forecast of Arctic Sea Ice Concentration via Statistical Approaches
Room 103	802130 General Session - Oceans Séance générale — Les océans	Thursday, June 14	1:45 PM	Suqing Xu	Variation of summer oceanic partial pressure of carbon dioxide in the Prydz Bay using a self-organizing map analysis approach
			2:00 PM	Yarisbel Garcia Quintana	A new source for Denmark Strait Overflow Water?
Room 104	808020 Integrated approaches of climate change impacts on marine fisheries - Part 1 Une approche intégrée face aux impacts des changements climatiques sur les pêches marines - Partie 1	Thursday, June 14	2:15 PM	Tyler Wilson	Socioeconomic risk from ocean acidification and climate change impacts on Atlantic Canadian fisheries
			2:30 PM	Travis Tai	Biophysical responses to ocean acidification and impacts on global fisheries
			2:15 PM	Habiba Ferchichi	Modeling future scenarios of water temperature in the coastal environment and implications for potential infections with <i>Vibrio Parahaemolyticus</i> and <i>Vibrio Vulnificus</i> : application to shellfish beds in the Estuary and Gulf of St. Lawrence
			2:30 PM	Trevor Hadwen	The 2017 Northern Great Plains Drought
			2:45 PM	Vanessa McFadden	Simulations of the ice storm in the Maritime Provinces on 24-26 January 2017
Room 105	803051 Fog or Low Visibility - Part 2 Le brouillard ou la faible visibilité - Partie 2	Thursday, June 14	1:30 PM	Carol McClellan	Use of Geographic Information Systems in the assessment of potential for highway blowing and drifting snow
			1:45 PM	Saša Gaberšek	Marine Fog Prediction at the Naval Research Laboratory – Current Status, Challenges and Way Forward
			2:00 PM	Patrick Duplessis	Observation of a decreasing marine and coastal fog frequency in Atlantic Canada over the past six decades due to possible changes in large-scale atmospheric features
			2:15 PM	Clive Dorman	Fog Trend and Interannual-to-Decadal Variability
			2:30 PM	Vida Khalilian	Fog and Low-Visibility Climatology and Regional Controls at Inuvik and Aklavik, Mackenzie Delta, Northwest Territories
			2:45 PM	Rick Danielson	Mapping fog in regional climate change simulations based on shared true variance in ICOADS ship observations and ERA Interim visibility estimates
Room C3	802080 Ocean Acidification in Canadian Waters L'acidification des océans en eaux canadiennes	Thursday, June 14	3:30 PM	Alfonso Mucci	Spatial variability of surface-water pCO <sub>2</sub> in the world's largest estuarine system: Distinguishing between physical and biological controls in the St. Lawrence Estuary and Gulf (Canada)

Room	Session	Date	Time	Presenter	Title
			3:45 PM	Tereza Jarníková	Spatial and Temporal Variation of pH and Aragonite Saturation in the Salish Sea : A Modelling Approach
			4:00 PM	WANYING JI	A study of Inorganic Carbon Cycling in Scotian Shelf Waters Using Stable Carbon Isotopes
			4:15 PM	Lin Cheng	A transatlantic section of shipboard $\delta^{13}\text{C}$ -DIC measurements and results from a worldwide inter comparison study.
			4:30 PM	Stefanie Mellon	Investigating the $^{13}\text{C}$ Suess effect in foraminiferal calcite: A history of ocean acidification in the NW Atlantic during the last 4000 years
			4:45 PM	Cecilia Engler	Ocean Acidification Post-Paris: Gauging Law and Policy Responses in Light of Emerging Scientific Projections
Room C4	802062 Collaboration in development, evaluation and analysis of ocean circulation and biogeochemical models - Part 3 La collaboration liée au développement, à l'évaluation et à l'analyse des modèles biogéochimiques et de circulation océanique - Partie 3	Thursday, June 14	3:30 PM	Yí Sui	Numerical Study of the storm-induced circulation in the South China Sea during typhoon Linfa using a nested-grid ocean model
			3:45 PM	Michael Casey	Evaluating hydrography variations in the Scotian Shelf and Gulf of Maine as simulated by a high-resolution regional ocean model.
			4:00 PM	Simon Higginson	An evaluation framework for the comparison of two high-resolution coastal models
			4:15 PM	Hauke Blanken	Estimating uncertainty in ocean surface drift trajectories using fuzzy numbers
			4:30 PM	Nancy Soontiens	A Framework for Drift Evaluation and Prediction in Ocean Models
			4:45 PM	Youyu Lu	Discussions on development, evaluation and analysis of ocean circulation and biogeochemical models
Room 104	808051 General Session - Risks and Impacts - Part 2 Séance générale : Les risques et les impacts - Partie 2	Thursday, June 14	4:00 PM	Tristan Hauser	Development of Fuzzy Rules Based Systems for Hazard Forecasting
			4:15 PM	Mike Gibbons	A framework to incorporate climate change in the extreme climatic variables in the National Building Code of Canada
			4:30 PM	Émilie Bresson	Quebec mining industry adapting to climate change
			4:45 PM	David Dégardin	New concepts using Numerical Environmental Prediction to assist the Canadian Armed Forces.