

MARDI LE 1ER OCTOBRE 2019 / TUESDAY OCTOBER 1ST 2019		
Début Start	Fin End	SALLE 1-2 / ROOM 1-2
9:30	10:00	<b>Bienvenue / Bienvenue</b>
10:00	10:30	Keynote - <b>Keith Raney</b> : <b>167 Years of Compact Polarimetry...and Counting</b>
10:30	11:00	Keynote - <b>Heather McNairn</b> : <b>Monitoring Agriculture with SAR: Remarkable Progress and a Very Promising Future</b>
11:00	11:30	<b>PAUSE / BREAK</b>
11:30	12:00	Keynote - <b>Malcolm Davidson</b> : <b>Future spaceborne SAR missions at the European Space Agency an overview of the missions and their objectives</b>
12:00	12:30	Keynote - <b>Chris Derksen</b> : <b>A Dual-Frequency Ku-band Radar Mission Concept for Seasonal Snow</b>
12:30	13:30	<b>DÎNER / LUNCH</b>
<b>Titre / Tittle</b>		<b>Mission RSO / SAR Missions #1</b> Président de session/Chair: <b>Guy Séguin, Dirk Geudtner</b>
13:30	13:50	<b>RADARSAT Constellation Mission :</b> <b>Steve Iris, Guennadi Kroupnik, Daniel De Lisle, Magdalena Wierus, Mélanie Lapointe, Eric Arsenault</b>
13:50	14:10	<b>Capella Constellation for INSAR and Change Detection:</b> <b>Joerg F. Herrmann, Andrew Ulmer</b>
14:10	14:30	<b>Biomass SAR mission:</b> <b>Florence Hélière, Adriano Carbone, Michael Fehringer, Klaus Scipal</b>
14:30	14:50	<b>MEO SAR: a powerful System for Land Monitoring:</b> <b>Jalal Matar, Marc Rodriguez-Cassola, Gerhard Krieger, Alberto Moreira</b>
14:50	15:10	<b>Copernicus Sentinel-1 Mission: C-Band Data Continuity:</b> <b>Dirk Geudtner, Michel Tossaint</b>
15:10	15:30	<b>PAUSE / BREAK</b>
<b>Titre / Tittle</b>		<b>Mission RSO / SAR Missions #2</b> Président de session/Chair: <b>Guy Séguin and Dirk Geudtner</b>
15:30	15:50	<b>HRWS: The Multi-static High Resolution Wide Swath Mission:</b> <b>Peter Schaadt, Elizabeth Nuncio Quiroz, Michael Bartusch, Michael Bock, Christian Brüns, Hans-Peter Lüttenberg, Samuel Stettner</b>
15:50	16:10	<b>HRWS – The next generation X-Band mission fostering established and new applications:</b> <b>Jürgen Janoth, Markus Jochum, Alexander Kaptein</b>
16:10	16:30	<b>Update on RADARSAT-2:</b> <b>Neil Gibb, C. Lambert, C. Patterson, P. Rolland</b>
16:30	16:50	<b>NovaSAR-1 Payload – Successful development and operations of a low-cost SAR:</b> <b>Geoff Burbidge, Martin Cohen, Andrew Larkins, Sam Doody</b>
16:50	17:10	<b>The SAR-XL Multi-band, Multi-Aperture, Modular Spaceborne SAR System and Associated Applications:</b> <b>George Tyc, Peter Fox, Michael Grigorian</b>

**MERCREDI LE 2 OCTOBRE 2019 / WEDNESDAY OCTOBER 2ND 2019**

Début Start	Fin End	SALLE 1 / ROOM 1	SALLE 2 / ROOM 2	SALLE 4-5 / ROOM 4-5
Titre / Title		Eau et milieux humides - Water and Wetlands #1 Président de session/Chair: <b>Brian Brisco</b>	Session technique MCR - RCM Technical Session Président de session/Chair: <b>Steve Iris, Alan Thompson</b>	Traitement du signal RSO et mégadonnées - SAR Processing and Big Data Président de session/Chair: <b>Yves Crevier</b>
9:00	9:20	Monitoring the Spring Breakup Flood in the Lena River Delta with TerraSAR-X Imagery and the TanDEM-X DEM: <b>Achim Roth</b> , Avi Putri Pertiwi, Karl Broich, Martin Huber, Svenja Rudolph	RADARSAT Constellation Mission Status: <b>Alan Thompson</b> , Gilles Brassard, Darin Comi, Guennadi Kroupnik	Development of Synthetic Aperture Radar capability for Digital Earth Australia: <b>Fang Yuan</b> , Medhavy Thankappan, Ben Lewis, Catherine Ticehurst, Zheng-Shu Zhou, Eric Lehmann, Ake Rosenqvist, Matt Paget, Joshua Sixsmith, Sean Chua, Matt Garthwaite, Sarah Lawrie, Thomas Fuhrmann, Passang Dorji
9:20	9:40	C-band InSAR monitoring of water level in Great Lakes marsh wetlands: <b>Zhaohua Chen</b> , Lori White, Sarah Banks, Amir Behnamian, Benoit Montpetit, Jon Pasher, Jason Duffe, Danny Bernard	RADARSAT Constellation Mission Initial Image Quality and Calibration Status: <b>Alan Thompson</b> , Stéphane Côté, Mélanie Lapointe, P. Lee, Y.Wang, Dan Williams	The Big Data usage for RADARSAT-2: <b>Gillian Walter</b> , Michael Robson, Wendy Branson, Ron Caves, Jayanti Sharma
9:40	10:00	Application of Multi-Season Radarsat-2 Polarimetric Data in Monitoring Great Lakes Wetland Type, Extent and Hydrological Condition: <b>Laura Bourgeau-Chavez</b> , Michel Battaglia	Assessment and Calibration of RCM Compact: <b>Ridha Touzi</b>	Machine Learning Methods for SAR-derived Time Series Trend Change Detection: <b>Francesco Lattari</b> , Emanuelle Passera, Alessio Rucci, Christine Bischoff, Marco Basilico, Andrea Bonarini, Matteo Matteucci
10:00	10:20	3D Surface Water Mapping with Multi-frequency SAR: <b>Kevin Murnaghan</b> , Valentin Poncos, Brian Brisco	Increasing situational awareness for disaster response with improved SAR and data dissemination systems: <b>Vincent Decker</b>	Time-Domain Focusing and Doppler Analysis of Sentinel-1 TOPS Mode Data-Preliminary Analysis Regarding Extracting Geophysical Contribution from Measured Doppler Centroid: <b>Mike Kubanski</b> , Bernhard Rabus
10:20	10:40	SAR and Lidar Temporal Data Fusion Approaches to Boreal Wetland Ecosystem Monitoring: <b>Joshua Montgomery, Brian Brisco</b> , Laura Chasmer, Kevin Devito, Danielle Cobbaert, Chris Hopkinson		Combined Estimation of Ionospheric Scintillations in SAR images exploiting Faraday Rotation and Autofocus: <b>Valeria Gracheva</b> , Jun Su Kim, Pau Prats, Marc Rodriguez-Cassola, Kostas Papatthanassiou
10:40	11:00	PAUSE / BREAK		
Titre / Title		Eau et milieux humides - Water and Wetlands #2 Président de session/Chair: <b>Laura Bourgeau-Chavez</b>	Session Information MCR - RCM Information Session Président de session/Chair: <b>Daniel De Lisle</b>	Intégration de données Multi-Sources - Multi-Source Data Intergration Président de session/Chair: <b>Paul Siqueira</b>
11:00	11:20	Multi-frequency, multi polarization, and multi-temporal SAR coherence and backscatter analysis over temperate and boreal wetlands: <b>Bahram Salehi</b> , Masoud Mahdianpari, Fariba Mohammadimanesh, Brian Brisco <b>Presented by: Kevin Murnaghan</b>	SPECIAL SESSION	Analysis Ready Data for Sentinel-1 Radarsat Backscatter Data Fusion: <b>David Small</b> , Christoph Rohner, Stephen Howell, Nuno Miranda, Yves Crevier
11:20	11:40	A cylinder-based microwave backscatter model for swamps and marshes: <b>Frank Ahern</b> , Brian Brisco, Don Atwood	SPECIAL SESSION	Automated Landcover Toolbox – Autonomous Multi-Source Image Processing for Environmental Monitoring: <b>Thomas Tolhurst</b> , Sasha Nasonova, Kaan Ersahin, Randy Kerr, Peter Willis, Jose Lim, Leslie Brown, Gary Borstad
11:40	12:00	Relating multi-incidence angle RADARSAT-2 data to vegetation characteristics in the Lower Paraná River floodplain (Argentina): <b>Natalia Morandeira</b> , Matías Barber, Francisco Grings, Frank Ahern, Patricia Kandus, Brian Brisco	SPECIAL SESSION	Synergy of L-band PALSAR, Landsat and ICESAT-GLAS for improved mapping of Canada's northern boreal forests: <b>André Beaudoin</b> , K. Powell, M. Marchand, L. Guindon, P. Villemaire, R. Hall, G. Castilla, M. Filiatrault, R. Skakun
12:00	12:20	Shannon Entropy and Wetland Monitoring: <b>Brian Brisco</b> , Francis Canisius, and Valentin Poncos	SPECIAL SESSION	Application of Multi-frequency SAR for agriculture and soil moisture applications: <b>Paul Siqueira</b> , Shannon Rose
12:20	12:40	SWOT and NISAR Spaceborne Missions to Study Coastal and Inland Wetlands: <b>Marc Simard</b> , Michael Denbina, Tien-Hao Liao	SPECIAL SESSION	
12:40	13:40	DÎNER / LUNCH		

Début Start	Fin End	SALLE 1 / ROOM 1	SALLE 2 / ROOM 2	SALLE 4-5 / ROOM 4-5
Titre / Tittle		<b>Technologies RSO #1 - SAR Technology #1</b> Président de session/Chair: <b>Patrick Plourde</b>	<b>Applications Maritimes #1 - Maritime Applications #1</b> Président de session/Chair: <b>Desmond Power</b>	<b>Agriculture #1 - Agriculture #1</b> Président de session/Chair: <b>Heather McNairn</b>
13:40	14:00	<b>3D Printed L-Band SAR Antenna for Mars Exploration:</b> <b>Étienne Boulais</b> , Maxime Couillard, Stéphane Lamoureux, Gerry Senechal, Éric Darnel	<b>AI based automatic target recognition for airplane classification and ship detection:</b> <b>Jurgen Janoth</b> , Lars Petersen, Christoph Stahl, Monika von der Werth	<b>Annulée/Cancelled</b>
14:00	14:20	<b>Concept Study of Synthetic Aperture Radar Reflectarray Antenna for CubeSat:</b> <b>Jean-Jacques Laurin</b> , Chloé Mireault-Lecourt, Émile Côté-Pelletier, Guy Séguin	<b>Ship Detection Using Multiple SAR Sensors:</b> <b>Igor Zakharov</b> , Desmond Power, Thomas Puestow, Sherry Warren, Michael Henschel	<b>Crop Leaf Area Index Estimation at Global Scale Using Synthetic Aperture Radar:</b> <b>Mehdi Hosseini</b> , Heather McNairn, Scott Mitchell, Laura Dingle Robertson, Andrew Davidson, Diego de Abelleira, Santiago Veron, Nima Ahmadian, Christopher Conrad, Vineet Kumar, Dipankar Mandal, Avik Bhattacharya, Y.S. Rao, Katarzyna Dabrowska-Zielinska, Andrii Shelestov, Natalia Kussul, Nicanor Saliendra
14:20	14:40	<b>Attitude control for Cube-SAR:</b> Anton de Ruiter, <b>William Travis</b> , Xiaoyu Lang	<b>New Capabilities for SAR-based Maritime Surveillance:</b> <b>Ron Caves</b> , Scott Wood, Evgeniy Lebed, Khalid El-Darymli, Colin McRae	<b>Towards multi-frequency SAR: Comparing the sensitivities of L- and C-band radar data to soil and vegetation in growing corn:</b> <b>Alejandro Monsivais Huertero</b> , Jasmeet Judge, Pang-Wei Liu, Subit Chakrabarti, Susan Steele-Dunne, Tara Bongiovanni
14:40	15:00	<b>Power Considerations for High Resolution Wide Swath SAR Design:</b> <b>Ron Saper</b> , Joseph Chamberland, Michael A. Scott	<b>Ship and Iceberg Detection and Classification in Sea Ice Using RADARSAT Constellation Mission SAR:</b> <b>Jeff Bartz</b> , Kelley Dodge, Desmond Power, Peter McGuire, Igor Zakharov	<b>Compact-Polarimetric Decompositions for Monitoring Crop Growth:</b> <b>Hongquan Wang</b> , Ramata Magagi, Kalifa Goïta, Yannick Duguay, Melanie Trudel, Heather McNairn, Jarrett Powers
15:00	15:20	<b>Using F-SCAN Technology for New Wide Area SAR Modes:</b> <b>Lutz Petrat</b> , Roland Gierlich, Thiemo Knigge, Christian Römer, Peter F. Gath	<b>Space-based On-board SAR Processing and Ship Detection:</b> <b>Jelena Sirovjevic</b> , Meaghan Bowthorpe, Hao Chen, Vince Mantle, David Stevens	<b>Potential Applications of Radarsat Constellation Mission (RCM) Compact Pol SAR data for Crop Monitoring and Mapping:</b> <b>Saedi Homayouni</b> , H. McNairn, M. Hosseini, Andrew Davidson, M. Mahdianpari
15:20	15:40	<b>PAUSE / BREAK</b>		
Titre / Tittle		<b>Technologies RSO #2 - SAR Technology #2</b> Président de session/Chair: <b>Guy Séguin</b>	<b>Applications Maritimes #2 - Maritime Applications #2</b> Président de session/Chair: <b>Desmond Power</b>	<b>Agriculture #1 - Agriculture #2 :</b> Président de session/Chair: <b>Mehdi Hosseini</b>
15:40	16:00	<b>Dual-frequency Ku-band SAR Instrument for Terrestrial Snow Mass Mission:</b> <b>Geoff Burbidge</b> , José Marquez-Martinez	<b>Application of convolutional neural networks for ship/iceberg discrimination using RADARSAT-2 OSVN mode data:</b> <b>Chen Liu</b> , N. Sandirasegaram, R. Sabry, P.W. Vachon, J. Wolfe	<b>Multi-Frequency SAR for Crop Type Classification and Mapping - Utilizing RADARSAT 2, ALOS-2, PALSAR-2 and TERRASAR-X for Agricultural Monitoring:</b> <b>Laura Dingle-Robertson</b> , Andrew Davidson, Heather McNairn, Mehdi Hosseini, Scott Mitchell
16:00	16:20	<b>50 Watt X-Band GaN MMIC High Power Amplifier for SAR Applications:</b> <b>Y Zhao</b> , Fadhel Ghannouchi, M. Helaoui, H. Lee	<b>A database of SAR image chips containing operationally validated ship:</b> <b>Katerina Biron</b> , John Wolfe, Paris W. Vachon, Michael A. Saliccioli	<b>Scaling radar observations to drive sustainable crop management platforms:</b> <b>Nathan Torbick</b> , Xiaodong Huang, Sergii Skakun, Chris Justice, Michele Reba
16:20	16:40	<b>Challenges for next generation SAR / Défis prochaine génération SAR</b>	<b>Machine Learning of Ship and Iceberg Signatures Derived from Sentinel-1 Imagery:</b> <b>Jeff Bartz</b> , Desmond Power, Kelley Dodge, Chris Hardy	<b>Synthetic Aperture Radar for agricultural modeling in the coastal plain of Georgia, USA: Ground validation of SAR datasets for 2018 and 2019 to evaluate crop type, soil moisture and cotton biomass:</b> <b>Alisa Coffin</b> , David Bosch, Mike Cosh, Mehdi Hosseini, Zach Little
16:40	17:00		<b>Ship recognition in RADARSAT-2 DVWF mode images:</b> <b>Nicholas Sandirasegaram</b> , C. Liu, P.W. Vachon, R. Sabry, J. Wolfe, M.A. Saliccioli	
17:00	17:20		<b>Nearshore Bathymetry Estimation Using SAR Imagery:</b> <b>Yue Ma</b> , Bing Yue, Rene Chenier, Khalid Omari, Michael Henschel	

**JEUDI LE 3 OCTOBRE 2019 / THURSDAY OCTOBER 3RD 2019**

Début Start	Fin End	SALLE 1 / ROOM 1	SALLE 2 / ROOM 2	SALLE 4-5 / ROOM 4-5
<b>Titre / Title</b>		<b>Radar Martien - Mars Radar</b> <b>Président de session/Chair: Keith Raney</b>	<b>Cryosphère #1 - Cryosphere #1</b> <b>Président de session/Chair: Andrea Scott</b>	<b>Interférométrie #1 - Interferometry #1</b> <b>Président de session/Chair: Vern Singhroy</b>
9:00	9:20	<b>Orbital Synthetic Aperture Radar for Subsurface Ice Detection: <i>Scientific Rationale and Some Preliminary Experiments</i> :</b> <b>Patrick Plourde, Tim Haltigin, Peter Kazakoff, Peter Allan, Dan Williams</b>	<b>High Spatial Resolution and Rapid Temporal Repeat Retrievals of Sea Ice Motion and Melt Timing from multi-sensor Sentinel-1 and RADARSAT-2 backscatter:</b> <b>Stephen Howell, David Small, Mike Brady</b>	<b>Sentinel-1 Mission: SAR and InSAR Performance:</b> <b>Dirk Geudtner, Nuno Miranda, Ignacio Navas Traver, Francisco Ceba Vega, Andrea Recchia</b>
9:20	9:40	<b>Mapping of volatile ices on Mars with SHARAD and implications for future missions:</b> <b>Nathaniel Putzig and the MRO Sharad Team</b>	<b>Developing a Convolutional Neural Network to Classify Ice/Water Conditions from archived C-Band SAR data in the Canadian Arctic:</b> <b>Benoit Montpetit, Benjamin Deschamps, Jason Duffe, Dean Flett</b>	<b>Automated InSAR Processing for High Performance Computing:</b> <b>Jonathan Dudley, Sergey Samsonov</b>
9:40	10:00	<b>SFU SARlab's Experimental Airborne Miniature SAR – Mars analogue campaign March 2019, Slims River Delta and Floodplain, Yukon:</b> <b>Rabus Barhnard, Jayson Eppler, Mike Kubanski</b>	<b>Monitoring of early spring landfast ice movement:</b> <b>Byung-Hun Choe, Sergey Samsonov</b>	<b>RCM Monitoring of Pipeline Routes:</b> <b>Vern Singhroy, Adrée Blais-Stevens, Mary-Anne Fobert</b>
10:00	10:20	<b>Mars Radar Instrument Description:</b> <b>Aurélien Fourmault, Christopher Servant, Peter Allan</b>	<b>Co-polarized C-band microwave backscatter and phase investigations of snow on first year sea ice:</b> <b>Torsten Geldsetzer, John Yackel</b>	<b>Multidimensional Small Baseline Subset (MSBAS) analysis for geohazard risk assessment in Dominica affected by Hurricane Maria :</b> <b>Mary-Anne Fobert, John Spray, Vern Singhroy</b>
10:20	10:40	<b>Mars Radar Performance Modeling Technique:</b> <b>Aurélien Fourmault, Peter Allan</b>	<b>Pursuit Monostatic Mode for Ice Analysis:</b> <b>Joseph Chamberland, Ronald H. Saper, Michael A. Stott</b>	<b>Wide Area Landslide Alerting System:</b> <b>Andy Pon, D. Mackenzie, D. Loader, P. Ghuman</b>
10:40	11:00	<b>PAUSE / BREAK</b>		
<b>Titre / Title</b>		<b>Polarimétrie #1 - Polarimetry #1</b> <b>Président de session/Chair: Laetitia Thirion-Lefevre, Jean-Marie Beaulieu</b>	<b>Cryosphère #2 - Cryosphere #2</b> <b>Président de session/Chair: Chris Derksen</b>	<b>Interférométrie #2 - Interferometry #2</b> <b>Président de session/Chair: Vern Singhroy</b>
11:00	11:20	<b>The essential contribution of HV to radar remote sensing:</b> <b>Laetitia Thirion-Lefevre, Régis Guinvarc'h, Elise Colin-Koeniguer</b>	<b>Ice concentration retrieval from Lake Erie using a Convolutional Neural Network:</b> <b>Andrea Scott, Homa Kheyrollah Pour, Linlin Xu</b>	<b>Monitoring ground deformation with satellite radar in one, two and three dimensions:</b> <b>Sergey Samsonov, Nicolas d'Oreye</b>
11:20	11:40	<b>A new framework for polarimetric change detection in time series SAR images: <i>the empty scene</i>:</b> <b>Regis Guinvarch, Taillade Thibault, Thirion-Lefevre Laetitia Sondra</b>	<b>Towards river ice breakup monitoring with RCM data using recursive partitioning models:</b> <b>Torsten Geldsetzer, Joost Van Der Sanden, Ian Olthof</b>	<b>InSAR Remote Monitoring of Jacques Cartier and Victoria bridges in Montreal, Canada:</b> <b>Daniel Cusson, Istemi Ozkan</b>
11:40	12:00	<b>Reduction in radar cross-polarization ratio:</b> <b>Byung-Hun Choe, Catherine Neish, Michael Zanetti</b>	<b>Monitoring Ice Phenology for Lake Hazen using High Density Time Series Analysis: Comparing Threshold-based Methodologies:</b> <b>Justin Murfitt, Claude Duguay</b>	<b>Semi-automated continuous InSAR monitoring for hazard and risk mitigation:</b> <b>Giacomo Falorni, Sara Del Conte, Geidy Baldeon, Fabrizio Novali</b>
12:00	12:20	<b>Sensitivity Analysis of X-band Backscattering cross section from vegetables:</b> <b>Naohiro Hayashi, Motofumi Arii, Hitoshi Sakamoto, Hiroyoshi Yamada, Shoichiro Kojima</b>	<b>Compact Polarimetry for the Retrieval of Lake and Sea Ice Information in the Canadian Central Arctic:</b> <b>Mohammed Daboor, Mohammed Shokr</b>	<b>Assessing Accuracy in InSAR Measurements with Multiple Observations:</b> <b>Michael Henschel, C-core, Jonathan Dudley, CCRS</b>
12:20	12:40	<b>Annulée/Cancelled</b>	<b>The Polar Space Task Group - Coordination of Remote Sensing Data Collection in Polar Regions for Scientific Use:</b> <b>Bernd Scheuchl, Y. Crevier, D. Small, T. Nagler, S. Howell, A. Bartsch, M. Drinkwater</b>	<b>InSAR for bridge health monitoring: challenges and opportunities:</b> <b>Sakthy Selvakumaran</b>
12:40	13:40	<b>DÎNER / LUNCH</b>		

Début Start	Fin End	SALLE 1 / ROOM 1	SALLE 2 / ROOM 2	SALLE 4-5 / ROOM 4-5
Titre / Title		<b>Polarimétrie #2 - Polarimetry #2</b> Président de session/Chair: <b>Samuel Foucher</b>	<b>Cryosphère #3 - Cryosphere #3</b> Président de session/Chair: <b>Steve Howell</b>	<b>Session Spécial RDDC Programme de recherche d'innovation pour la défense #2 - Special Session DRDC Defense Innovation Research Program #1</b> Président de session/Chair: <b>Sonya Banal</b>
13:40	14:00	<b>Efficient Hierarchical Clustering for PolSAR Image Analysis:</b> <b>Jean-Marie Beaulieu</b>	<b>Seasonal Ku-band (13.5 GHz) SAR measurements in a snow-covered tundra basin:</b> <b>Joshua King, Chris Derksen, Peter Toose, Ben Montpetit, Paul Siqueira</b>	<b>Overview of DRDC's R&amp;D Program: Working on Next-Generation SAR Systems for Defence and Security:</b> <b>Sonya Banal</b>
14:00	14:20	<b>Evaluation of a CNN as a Polarimetric Information Estimator:</b> <b>Mario Beaulieu, Samuel Foucher, François Cavayas</b>	<b>Using current SAR satellite missions to support future snow satellite radar missions:</b> <b>Benoit Montpetit, Joshua King, Chris Derksen, Anna Wendleder, Paul Siqueira</b>	<b>Development of a Compressed TCPED Cycle for RCM follow-on Mission: Results of the DIRP Study:</b> <b>Lutz Petrat, Axel Wagner</b>
14:20	14:40	<b>Soil Moisture Retrievals by Coupling Polarimetric Decompositions and Random Forest algorithms:</b> <b>Hongquan Wang, Ramata Magagi, Kalifa Goïta, Melanie Trudel, Heather McNairn, Jarrett Powers</b>	<b>Retrieval Algorithm of Snow Water Equivalent Using Multi-frequency Radar and Radiometer Observations:</b> <b>Jiyue Zhu, Leung Tsang, Do-Hyuk "DK" Kang, Edward Kim, Chris Derksen, Joshua King</b>	<b>MiMPS Multiple Satellite Mission Planning and Scheduling:</b> <b>Snezana Minic, Nathan Bell, Saba Sajjadian, Jonathan Lee, Darren Thomson, Vlad Sokol, Jelena Sirovljevic, Régine Lecocq, Jean Berger</b>
14:40	15:00	<b>Oil Slick Characterization using RADARSAT Constellation Mission Simulated Data:</b> <b>Gordon Staples, Benjamin Deschamps, Dean Fleet</b>	<b>Utility of Spaceborne SAR Data for Ice Sheet Science:</b> <b>Bernd Scheuchl, E. Rignot, J. Mougnot, S. Jeong, V. Brancato, P. Milillo</b>	<b>MiMPS: Automated Cross-Cueing and TCPED:</b> <b>Snezana Minic, Hans Wehn, Darren Thomson, Andrew Westwell-Roper, Robbie Chen, Michael Lim, Régine Lecocq</b>
15:00	15:20		<b>European - Canadian Cooperation to Develop Massive Open Online Course (MOOC) Materials for Radar Remote Sensing Education:</b> <b>Guy Aubé, Paul Briand, Robert Eckardt, Joost van der Sanden, Christian Prévost, Dirk Werle, Christiane Schmillius, Carsten Oathe, Nesrin Salepci, Mikhail Urbazaev</b>	<b>Modelling the Geospatial Intelligence Capability to Support Canadian Surveillance and Sovereignty:</b> <b>Desmond Power, Jerry English, James Youden, Michael Lynch, Pam Burke, Peter McGuire</b>
15:20	15:40	<b>PAUSE / BREAK</b>		
Titre / Title		<b>Polarimétrie #3 - Polarimetry #3</b> Président de session/Chair: <b>Ridha Touzi</b>	<b>Calibration/Validation - Calibration/Validation</b> Président de session/Chair: <b>Stéphane Côté</b>	<b>Session Spécial RDDC Programme de recherche d'innovation pour la défense #2 - Special Session DRDC Defense Innovation Research Program #2</b> Président de session/Chair: <b>Sonya Banal</b>
15:40	16:00	<b>Scattered and Received Wave Polarization Optimization for Peatland Monitoring Using Polarimetric L-Band PALSAR:</b> <b>Ridha Touzi</b>	<b>The Design and Function of the Biomass Calibration Transponder:</b> <b>Desmond Power, Trevor Stuber, Dean Rowsell, David Gillard, David Green, Chris Fowler, Alasdair Helliwell, Derek Hough, Matteo Sedehi, Bjorn Rommen</b>	<b>Applications of Deep Learning to SAR imagery:</b> <b>Jayanti Sharma, Olivier Meynberg, Jeffrey Wiens, Payam Mousavi, Sebastien Tremblay-Johnston, Ron Caves, Hans When</b>
16:00	16:20	<b>Scattered and Received Wave Polarization Optimization for Peatland Monitoring Using Polarimetric L-Band PALSAR:</b> <b>Ridha Touzi, K. Omari, B. Sleep, X. Jiao</b>	<b>Sentinel-1 SAR Calibration: Lessons Learned and Improvements for Sentinel-1C/-1D:</b> <b>Dirk Geudtner, Ignacio Travers-Navar, Francisco Ceba-Vega, Sergio Bras Björn Rommen, Andrea Recchia</b>	<b>Development of a Space-Based SAR Performance Evaluation Tool:</b> <b>Joseph Chamberland, Ronald H. Harper, Michael A. Stott</b>
16:20	16:40	<b>Wavelet Temporal Analysis of PolSAR Decomposition Parameters over Glacier Areas:</b> <b>Davide Pirrone, Abdourrahmane M. Atto, Avik Bhattacharya, Emmanuel Trouvé</b>	<b>RADARSAT-2 Image Quality and Calibration Update:</b> <b>Dan Williams, Y. Wang, G. Fitzgerald, N. Gibb, P. Allan, R.Caves, Y. Wu, J. Hiew, A. Thompson</b>	<b>Geolocation of RF Targets of Interest to Cue Radar Satellites:</b> <b>Ian D'Souza, Weiguo Chen</b>
16:40	17:00	<b>C-band compact polarimetry for Arctic sea ice detection and geophysical property retrieval during advanced melt:</b> <b>Randall K. Scharien, Katia Tavri</b>	<b>Radar Interference between C-band SAR Missions:</b> <b>Dirk Geudtner, Itziar Barat, Berthyl Duesmann</b>	
17:00	17:20		<b>DLR's next Generation of fully Polarimetric Calibration Transponders:</b> <b>Klaus Weidenhaupt, Matthias Jirousek, Jens Reimann, Sebastian Raab, Marco Schwerdt</b>	