



TECHNICAL SCHEDULE

Tuesday, October 29, 2019 – Morning

HORAIRE TECHNIQUE

Mardi 29 octobre 2019 – Avant-midi

07:15	7:00 to 8:15 a.m. GEORGIAN LOUNGE PARTICIPANTS REGISTRATION 7 h à 8 h 15 GEORGIAN LOUNGE INSCRIPTION DES PARTICIPANTS				
	7:15 to 8:15 a.m. EXHIBITORS' HALL BREAKFAST 7 h 15 à 8 h 15 SALON DES EXPOSANTS DÉJEUNER				
08:15	REGENCY BALLROOM OPENING REMARKS / MOT D'OUVERTURE Chair : Jesse LaPaire, CMVA Atlantic Chapter President / président du chapitre Atlantique de l'ACVM				
08:30	REGENCY BALLROOM ADVANCED DIAGNOSTICS: A STEPPED APPROACH Chair : Jesse LaPaire - Keynote speaker : Andrew K. Costain, Acuren				
09:30	EXHIBITORS' HALL COFFEE BREAK SALON DES EXPOSANTS PAUSE-CAFÉ				
	REGENCY BALLROOM (English track main room) Chair : Jesse LaPaire		ADMIRAL ROOM (English track) Chair : François Lafleur		BRITTANIA ROOM Chair: Janos Pattantys
10:00	CASE STUDIES IN VIBRATION DIAGNOSTICS AND CORRECTION Robert J. Sayer, Vibration Institute	10:00	How to Balance IIoT with Existing Predictive Maintenance Programs Mark Langille, Dynapar Abhishek Jadhav (author)	10:00	MOTEUR SYNCHRONE DE FORTE PUISSANCE Louis Lavallée, Delom services
10:15		10:15		10:15	
10:30		10:30		10:30	
10:45		10:45		10:45	
11:00		11:00		11:00	
11:15		11:15	SOLVING THE DIRICHLET PROBLEM FOR VIBRATION OF PARALLELOGRAM-SHAPED MEMBRANE USING METHOD OF PARTIAL DOMAINS	11:15	ANALYSE D'ONDE TEMPORELLE ET DE FFT EN UTILISANT DES ULTRASONS ET DES VIBRATIONS POUR DIAGNOSTIQUER DIVERS PROBLÈMES MÉCANIQUES (2 HISTOIRES DE CAS) Gilles Lanthier, SDT Ultrasound
11:30		11:30	Babak Soltannia, University of Alberta Pouyan Shakeri Mobarakeh (author)	11:30	
11:45		11:45		11:45	
12:00	EXHIBITORS' HALL LUNCH SALON DES EXPOSANTS LUNCH				



TECHNICAL SCHEDULE

Tuesday, October 29, 2019 – Afternoon

HORAIRE TECHNIQUE

Mardi 29 octobre 2019 – Après-midi

	REGENCY BALLROOM (English track main room) Chair : François Lafleur		ADMIRAL ROOM (English track) Chair : Joe Koncovy		BRITTANIA ROOM Chair: Louis Lavallée
13:00	VIBRATION CHARACTERISTICS OF THERMALLY CYCLED GRAPHENE NANOPATELET (GNP) REINFORCED 3D-FIBER METAL LAMINATES (3D-FML) Babak Soltannia , University of Alberta	13:00	IDENTIFICATION AND EVALUATION OF ROLLING ELEMENT BEARING FAILURES USING FLUID, FILTER, AND MATERIAL ANALYSIS TECHNIQUES Brennan West , Gastops	13:00	MINI-FORMATION : ÉTUDES DE CAS ET INNOVATIONS EN AMPLIFICATION DES MOUVEMENTS Janos Pattantyus , RDI Technologies
13:15		13:15		13:15	
13:30		13:30		13:30	
13:45	PREDICTING SYSTEM NATURAL FREQUENCIES FROM MACHINE SPEED TRIALS WHERE MULTIPLE OPERATING FREQUENCIES ARE PRESENT Dora Orchard , Acuren	13:45		13:45	
14:00		14:00	NEW HYDROELECTRIC UNIT TRIPS ON HIGH VIBRATIONS DURING COLD STARTUP Bernard Boueri , OPG	14:00	
14:15		14:15		14:15	MAINTENANCE PRÉDICTIVE VIA LA SURVEILLANCE DU COURANT ET DE LA TENSION Charles Gagné , STCD
14:30	VIBRATION SUPPRESSION CASE STUDY Timothy Cox , NB Power	14:30	MONITORING OF UNEVEN MAGNETIC PULL FOR CONTROLLING VIBRATION OF ROTATING MACHINERY Sara Yousefi , Sarox Technology	14:30	
14:45		14:45	Mojtaba Saeedi Naezhad (author)	14:45	
15:00	EXHIBITORS' HALL COFFEE BREAK SALON DES EXPOSANTS PAUSE-CAFÉ				
	REGENCY BALLROOM (English track main room) Chair : Ken Keith		ADMIRAL ROOM (English track) Chair : Brennan West		BRITTANIA ROOM Chair: Janos Pattantuys
15:15	ACOUSTICAL CASE STUDIES OF HYDRO-ELECTRIC GENERATORS AND TURBINES AND RELATIONS BETWEEN ACOUSTICS AND VIBRATION MEASUREMENTS François Lafleur , Hydro-Québec	15:15		15:15	
15:30		15:30	TIME WAVEFORM AND FFT ANALYSIS USING ULTRASOUND AND VIBRATION TO DIAGNOSE VARIOUS MECHANICAL PROBLEMS (2 CASE HISTORIES) Gilles Lanthier , SDT Ultrasound	15:30	
15:45		15:45		15:45	
16:00		16:00		16:00	LARGE ELECTRIC SYNCHRONOUS MOTOR Louis Lavallée , Delom Services
16:15		16:15	PREDICTIVE MAINTENANCE VIA CURRENT AND VOLTAGE MONITORING Charles Gagné , STCD	16:15	
16:30	HOW DO MACHINES TALK? Mateusz Bujak , Hansford Sensors	16:30		16:30	
16:45		16:45		16:45	
17:00	SALON DES EXPOSANTS 5 À 7 AVEC LES EXPOSANTS ET REMISE DES PRIX ÉTUDIANTS EXHIBITORS' HALL HAPPY HOUR WITH EXHIBITORS AND PRESENTATION OF STUDENT AWARDS				
19:00	DEPARTURE FOR SOCIAL EVENT / DÉPART POUR L'ÉVÈNEMENT SOCIAL				



TECHNICAL SCHEDULE

Wednesday, October 30, 2019 – Morning

HORAIRE TECHNIQUE

Mercredi 30 octobre 2019 – Avant-midi

7 : 30	7:30 to 8:30 a.m. EXHIBITORS’ HALL BREAKFAST			7 h 30 à 8 h 30 SALON DES EXPOSANTS DÉJEUNER				
08:30	REGENCY BALLROOM BOITE À OUTILS DE DIAGNOSTIC – UN SURVOL DES MULTIPLES COMPÉTENCES D’UN ANALYSTE DE VIBRATION Chair : François Lafleur - Conférencier invité : Alexandre Durocher, Contrôles Laurentide							
09:30	EXHIBITORS’ HALL COFFEE BREAK SALON DES EXPOSANTS PAUSE-CAFÉ							
	REGENCY BALLROOM (English track main room) Chair : Jesse LaPaire		ADMIRAL ROOM (English track) Chair : Ken Keith		BRITTANIA ROOM Chair: François Lafleur			
10:00	SHORT TRAINING : MOTION AMPLIFICATION: CASE STUDIES AND INNOVATIONS Janos Pattantyus, RDI Technologies	10:00	WORKSHOP : CORRECTING THE MAJOR ROADBLOCKS IN MACHINERY INSTALLATION John-Paul Lambert, Benchmark PDM	10:00	PRÉCAUTIONS À PRENDRE LORS D’UNE ROUTE DE VIBRATION ET ÉTUDES DE CAS David Levesque, Viabilité Francis Provost, Viabilité (2 ^e auteur)			
10:15		10:15		10:15				
10:30		10:30		10:30				
10:45		10:45		10:45				
11:00		11:00		11:00				
11:15	ADDRESSING LOW PRESSURE STEAM TURBINE BLADE RESONANCE CONCERN THROUGH EXPERIMENTAL MODAL ANALYSIS, FINITE ELEMENT ANALYSIS, AND ROTOR DYNAMIC ANALYSIS Chieu Chau & Hassan Kazi, OPG	11:15	MODAL TESTING AND TRANSIENT VIBRATION ANALYSIS APPLIED TO FAN VIBRATION Daniel Zwart, Spectrum Technologies	11:15				
11:30		11:30		11:30				
11:45		11:45		11:45				
12:00	EXHIBITORS’ HALL LUNCH SALON DES EXPOSANTS LUNCH							



TECHNICAL SCHEDULE

Wednesday, October 30, 2019 – Afternoon

HORAIRE TECHNIQUE

Mercredi 30 octobre 2019 – Après-midi

13:00	REGENCY BALLROOM CMVA ANNUAL GENERAL MEETING / ASSEMBLÉE ANNUELLE DES MEMBRES ACVM François Lafleur, President, CMVA Board of Directors / président ACVM National Meeting opened to all, voting and candidature exclusive to CMVA members in good standing Réunion ouverte à tous, votes et candidatures exclusifs aux membres ACVM en règle NOTE : TRADESHOW CLOSED DURING THIS MEETING / SALON DES EXPOSANTS FERMÉ PENDANT CETTE RÉUNION				
	REGENCY BALLROOM (English track main room) Chair : Ken Keith		ADMIRAL ROOM (English track) Chair : Jesse Lapaire		BRITTANIA ROOM Chair: Louis Lavallée
14:00	CONDITION MONITORING & IIOT Michael Bonga, Smart Skin Technologies	14:00	ROTOR BAR FAILURE ANALYSIS Joe Koncovy, Source Atlantic	14:00	ÉTUDES DE CAS ACOUSTIQUE D'ALTERNATEURS HYDRO-ÉLECTRIQUES ET DE TURBINES ET RELATIONS ENTRE LES MESURES ACOUSTIQUES ET VIBRATOIRES François Lafleur, Hydro-Québec
14:15		14:15		14:15	
14:30		14:30	STRAIN GAUGE TESTING ON VARIOUS APPLICATIONS James Harper, Acuren	14:30	
14:45		14:45		14:45	
15:00	EXHIBITORS' HALL COFFEE BREAK SALON DES EXPOSANTS PAUSE-CAFÉ				
	REGENCY BALLROOM (English track main room) Chair : François Lafleur		ADMIRAL ROOM (English track) Chair : Ken Keith		BRITTANIA ROOM Chair: Louis Lavallée
15:15	DIAGNOSTIC TOOLBOX – AN OVERVIEW OF A VIBRATION ANALYST'S SKILLSETS Keynote speaker : Alexandre Durocher, Contrôles Laurentide	15:15		15:15	CONDITION MONITORING OF DEEP DRAFT VERTICAL CENTRIFUGAL PUMPS Jesse LaPaire, NB Power
15:30		15:30	FLUORESCENCE SPECTROSCOPY FOR ONLINE CONDITION MONITORING OF MACHINERY LUBRICANTS Brennan West, Gastops	15:30	
15:45		15:45		15:45	
16:00		16:00		16:00	
16:15		16:15		16:15	
16 :30	END OF EVENT / FIN DE LA CONFÉRENCE				