

CANWELD SCHEDULE 2023				
Wednesday, October 18th, 2023				
7:30 AM - 8:30 AM	Breakfast- Ballroom B & C			
8:30 AM - 9:15 AM	Ballroom B & C Opening Ceremonies/Keynote Speaker - Terry Young , Impact of Culture in the Workplace			
	Room - Shediac A		Room- Shediac B	
9:15 AM - 9:45 AM	Chris Pitre - Skarborn Engineering	Profitability – The responsibility of the estimator	Mathieu Roy- Collège Communautaire du Nouveau-Brunswick (CCNB)	CCNB Carrefour des métiers francophones de l'Atlantique
9:45 AM - 10:15 AM	Jim Hansen - Edison Welding Institute	Buried Arc GMAW-B	Terry Young - Kingsclear First Nation	Guide to Indigenization of your Industry
10:15 AM - 10:30 AM	Morning Break- Ballroom B & C			
10:30 AM - 12:00 PM	Sponsor Table Top Exhibits- Mezzanine			
12:00 PM - 1:00 PM	Lunch- Ballroom B & C: Terry Young, Importance of Indigenous Language Use			
	Room - Shediac A		Room- Shediac B	
1:00 PM - 1:30 PM	Ali Nasiri - Dalhousie University Department of Mechanical Engineering	Exploring Arc Welding Process for Additive Manufacturing in Stainless Steel Parts Production and Repair	Vicente Núñez Sánchez - University of Alberta CCWJ	Energy Balance in Gas Metal Arc Welding
1:30 PM - 2:00 PM	Adrian Gerlich - University of Waterloo CAMJ	Advances in Aluminum Welding Technologies	Xinrui Liu - University of Alberta CCWJ	Investigation of Defects Process Map in Friction Stir Welding
2:00: PM - 2:30 PM	Iulian Radu/Joyce Lam - PCL Industrial Management Inc.	Grade 91 & Grade 92 CSEF Materials for Power Generation – A Practical Perspective	Gabels Isaac - Joint Economic Development Initiative (JEDI)	Increasing Indigenous Workers in the Skilled Trades
2:30 PM - 2:45 PM	Afternoon Break- Ballroom B & C			
2:45 PM - 3:15 PM	Jim Galloway - Conestoga College	Ar+CO2 Mixture Effects on GMAW-SP of Mild Steel	Rishiekesh Ramgopal - University of Alberta CCWJ	Deposition rate in GMAW of ER1100 and ER5183 Aluminum alloys
3:15 PM - 3:45 PM	Mohsen Keshavarzan & Foroozan Forooghi - University of New Brunswick	Effects of scan strategy to optimize the mechanical properties of cellular lattice using additive manufacturing	Michel Gagnon- Henlex Inc.	Santé Et Sécurité Des Soudeurs
3:45 PM - 4:15 PM	Maryam Soleimani- University of Waterloo	Nano-Welding of Metal-Oxide Nanowires with Pulsed Lasers	André Boulianne- CWB Group	Welding Procedures Approval and Welding Consumables Certification
4:15 PM - 4:45 PM	Ballroom B & C Keynote Speaker- Nisa Kennedy: JEDI, The Continuum of Cultural Safety- A Tool for Indigenous Recruitment and Retention			
7:00 PM - 10:30 PM	Conference Gala and Awards Dinner- Ballroom B & C			
Thursday, October 19th, 2023				
8:00 AM - 9:00 AM	Breakfast- Ballroom B & C			
9:00 AM - 10:00 AM	Panel Discussion- Ballroom B & C, Jason Becker - ArcJunkies / Underground Metalworks State of the Trades/Skills Gap in Industry - Canada & USA			
10:00 AM - 10:15 AM	Morning Break- Ballroom B & C			
	Room - Shediac A		Room- Shediac B	
10:15 AM - 10:45 AM	Aaron Dinovitzer - BMT Canada Ltd	Weld Anomalies and Their Disposition	Rami Hakim - University of Waterloo CAMJ	Effect of Anisotropy Parameters and Varying for Micro-Plasma Wire Arc Additive Manufacturing
10:45 AM - 11:15 AM	Matthew Yarmuch - Mattco Engineering Solutions/ Novarc Technologies	How Cobots and Artificial Intelligence are Transforming Welding Automation	Daniele Calista - University of Alberta CCWJ	Modelling Heat Input in Electric Resistance Welding
11:15 AM - 11:45 AM	Patricio Mendez - University of Alberta CCWJ	Recent Developments in Welding Research at the CCWJ	André Boulianne- CWB Group	CSA W48:23 - Filler Metals and Allied Materials for Metal Arc Welding
11:45 AM - 12:15 PM	Sponsor Table Top Exhibits- Mezzanine			
12:15 PM - 1:15 PM	Lunch- Ballroom B & C			
	Room - Shediac A		Room- Shediac B	
1:15 PM - 1:45 PM	Jim Hansen - Edison Welding Institute	Development of In-Situ Weld Cooling Rate Measurement Methods	Frédéric Imhoff- Precision NDT	L'importance de la certification CSA 178.2 en END
1:45 PM - 2:15 PM	Carter Trautmann - University of Alberta CCWJ	A Simplified Model for Determining the Residual Stresses in Welded Overlays	Mohammad Shojaaee- University of Waterloo	An experimental methodology to characterize load-based fracture models of third generation advanced high strength steel resistance spot welds
2:15 PM - 2:45 PM	Yahya Aghayar & Parisa Moazzen - University of New Brunswick	An investigation of Dissimilar Welding between High Entropy Alloy and Additively Manufactured 316L: Microstructural Characterization and Hardness Evaluation	Nitheesh Kumar Ramasamy - University of Alberta CCWJ	Estimation of Bead Size and Catchment in Laser Cladding
2:45 PM - 3:00 PM	Afternoon Break- Ballroom B & C			
2:45 PM - 3:15 PM	Sofia Salazar - University of Alberta CCWJ	General Thermomechanical Model of FSW based on a Characteristic Temperature for Deformation and Heat Transfer	Eduardo Rocha - University of Alberta CCWJ	Arc Length Behaviour and Welding Voltage Analysis for Aluminum GMAW
3:15 PM - 4:00 PM	Keynote Speaker- Ballroom B & C: Max Ceron, Workforce Development			
4:00 PM - 4:30 PM	Closing Ceremonies- Ballroom B & C			
7:00 PM - 12:00 AM	VIP After Party – Tide & Boar Gastropub, 700 Main St, Moncton, NB E1C 1E4			