

Agenda - Future Technologies Conference (FTC) 2022

20-21 October 2022 | Pan Pacific Hotel, Vancouver, Canada



TIME (Vancouver) PDT / UTC -7	Thu October 20, 2022	Fri October 21, 2022
09:00 AM - 09:30 AM	Delegates Check-in	Delegates Arrive
09:30 AM - 09:45 AM	Conference Opening	Day #2 Opening
09:45 AM - 11:00 AM	Keynote Talks <ul style="list-style-type: none">• Sid Fels (University of British Columbia)• Ryan D'Arcy (Simon Fraser University)	Keynote Talks <ul style="list-style-type: none">• Yingxu Wang (University of Calgary)• Cristina Conati (University of British Columbia)
11:00 AM - 11:30 AM	Poster Presentations + Networking	Networking
11:30 AM - 12:30 PM	Session 1 - Data Science	Session 4 - Security and Privacy
12:30 PM - 01:30 PM	Lunch	Lunch
01:30 PM - 03:15 PM	Session 2 - Computing	Session 5 - Artificial Intelligence
03:15 PM - 03:30 PM	Networking Break	Networking Break
03:30 PM - 05:30 PM	Session 3 - Machine Learning	Session 6 - Ambient Intelligence
05:30 PM onwards	Vancouver City Tour	Conference Closing

Session 1 - Data Science

Session Chair: Mehdi Mekni

October 20 | 11:30 AM - 12:30 PM

- 415 - Machine Learning Computational Framework for Alzheimer's Disease Stages Classification (Presenter: Carlos Theran, Yohn Parra-Bautista)
- 108 - On the Application of Multidimensional LSTM Networks to Forecast Quarterly Reports Financial Statements (Presenter: Aleksander Nawrat)
- 384 - Parameterized-NL Completeness of Combinatorial Problems by Short Logarithmic-Space Reductions and Immediate Consequences of the Linear Space Hypothesis (Presenter: Tomoyuki Yamakami)
- 405 - Antecedents of Software-as-a-Service Adoption for Small and Medium Enterprise in Developing Countries (Presenter: Ahmed Ibrahim)

Session 2 - Computing

Session Chair: Mehdi Mekni

October 20 | 01:30 PM - 03:15 PM

- 419 - A Quantum Algorithm to Locate Unknown Hashgrams (Presenter: Nicholas Allgood)
- 391 - NeuroTower: A 3D Neuromorphic Architecture with Low-Power TSVs (Presenter: Farah Mohammadi)
- 253 - A Generic Neural Network Implementation on GPU and its Performance Benchmark (Presenter: Tristan Udby)
- 257 - BUMP: Bridging Unmet Modes of Participation in the Workplace (Presenter: Diego Gomez-Enriquez)
- 96 - Remote International Collaboration in Scientific Research Teams for Technology Development (Presenter: Sarah Janböcke)
- 193 - Theoretical Perspectives Towards Culture-Centered User Engagement Design for Mobile Health in the Global South (Presenter: Tochukwu Ikwunne)
- 44 - The VCDLN Mobile Learning System for Digital Learning Services in Pandemic Covid-19 (Presenter: Deni Darmawan)

Session 3 - Machine Learning

Session Chair: Steffen Scholz

October 20 | 03:30 PM - 05:30 PM

- 209 - A Survey of Reinforcement Learning Toolkits for Gaming: Applications, Challenges and Trends (Presenter: Mehdi Mekni)
- 461 - A Hybrid Learning-Driven Computer Vision Framework for Reverse Engineering via Enhanced 3D Shape Reconstruction (Presenter: Steffen Scholz)
- 411 - Deep Learning and Few-Shot Learning in the Detection of Skin Cancer: An Overview (Presenter: Olusoji B Akinrinade)
- 413 - Enhancing Artificial Intelligence Control Mechanisms: Current Practices, Real Life Applications and Future Views (Presenter: Ari Happonen)
- 210 - Automatic Polarity Identification on Twitter using Machine Learning (Presenter: José Carmen Morales Castro)
- 364 - A Prediction Model for Student Academic Performance using Machine Learning-based Analytics (Presenter: Harjinder Kaur)
- 97 - Survey of Technology-Enhanced Learning: Novel Pedagogical Concepts, Challenges and Future Perspectives (Presenter: Tarandeep Kaur)

Session 4 - Security and Privacy

Session Chair: Andrew J. Park

October 21 | 11:30 AM - 12:30 PM

268 - Factors Affecting Trust in Selected Gerontechnologies: The Case of Poland (Presenter: Joanna Ejdys)

330 - e-Voting: I Changed my Mind, Now What? (Presenter: Daniel Peters)

244 - Specifying Blockchain-based Resource-Exchange Systems by Business-Level Users using a Generic Easy-to-Use Framework (Presenter: Kushal Soni)

351 - Security Issues in Cyber Threat Intelligence Exchange: A Review (Presenter: Moses Oluwasogo Olaifa)

Session 5 - Artificial Intelligence

Session Chair: Joanna Ejdys

October 21 | 01:30 PM - 03:15 PM

105 - How does a Social Robot Analyze Emotions? (Presenter: Pierre-André Buvet, Abdelhadi Rouam)

350 - Effects of Various Barricades on Human Crowd Movement Flow (Presenter: Andrew J. Park)

256 - Learning to Solve Sequential Planning Problems without Rewards (Presenter: Chris Robinson)

200 - Humanoids Improving the Quality of Life of Older People: The Case of Poland (Presenter: Katarzyna Halicka)

176 - SHE-based Video Retargeting with Multiple Ground Control Points (Presenter: Hsi-Chin Hsin)

313 - An Efficient Deep Learning Technique for Detecting and Classifying the Growth of Weeds on Fields (Presenter: Abeer M. Almalky)

319 - Integration of Human-Driven and Autonomous Vehicle: A Cell Reservation Intersection Control Strategy (Presenter: Frank Ekene Ozioko)

444 - N-Gram based Amharic Grammar Checker (Presenter: Deepak Sharma, Gurjeet Singh Mattu)

Session 6 - Ambient Intelligence

Session Chair: Steffen Scholz

October 21 | 03:30 PM - 05:30 PM

392 - Sound as an Interface, Methods to Evaluate Voice User Interface (VUI) Experiences in Various Contexts (Presenter: Laura Beth Fulton)

462 - Critical Assessment of Current State of the Art in Wearable Sensor Nodes with Energy Harvesting Systems (Presenter: Steffen Scholz)

346 - NaPP: Notification and Push Performance in Wearable Devices (Presenter: Taniza Sultana)

428 - WSN System Warns "Atta cephalotes" Climbing in Mango Fruit Trees (Presenter: Federico Felix Hahn)

82- Environmental Information System using Embedded Systems Aimed at Improving the Productivity of Agricultural Crops in the Department of Meta (Presenter: Obeth Hernan Romero Ocampo)

107 - An Approach of Node Model TCnNet: Trellis Coded Nanonetworks on Graphene Composite Substrate (Presenter: Diogo Ferreira Lima Filho)

421 - Cascading Failure Risk Analysis of Electrical Power Grid (Presenter: Zhifang Wang)

Vancouver City Tour

October 20, 2022 | 5:30 PM onwards

FTC 2022

TIME	PROGRAM
5:15 pm - 5:30 pm	Coaches arrive at the venue and departure
5:30 pm - 8:15 pm	Enjoy a narrated tour of Vancouver with a certified tour guide, Explore the city's art, historic landmarks, and urban attractions. 5:45 pm - 6:00 pm : Stop at Stanley Park totem poles 6:00 pm - 7:15 pm: Drive through Yaletown, Chinatown and Gastown 7:15 pm - 8:15 pm: Stopover at Granville Island (to purchase and sample different foods - delegates pay on their own)
8:15 pm - 8:30 pm	Transfer back to the conference hotel i.e. Pan Pacific Hotel Vancouver
Appropriate Dress: Average temperature range during October is 11°C (51.8°F) so please dress appropriately. It is recommended that you take a jacket with you on the tour.	



NOTE: Guests of attendees cannot join the tour unless they have been registered prior to the conference.