7th Conference on Cloud and Internet of Things



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Program CloT 2024

	Tuesday, 29 Oct.	Wednesday, 30 Oct.	Thursday, 31 Oct.
8:00	Registration	Registration	Registration
8:30	Opening Conference		
9:00	Keynote #1 Enabling Collaborative Intelligence at the Edge: A Spatial Computing Approach with JAMScript	Keynote #2 Advancing Cloud and IoT Security through LLMs, Federated and Deep Reinforcement Learning	Keynote #3 IoT Device Performance in a Non- Reciprocal Wireless Network
10:00	Break	Break	Break
10:30	Technical Session #1 Internet of Things	Technical Session #3 Resource Management	Technical Session #5 Cloud and Sustainabilityy
12:00	Lunch	Lunch	Lunch
1:30	Short Papers Session IoT Applications	Demos/Posters Session	Technical Session #6 Secure Internet of Things
3:00	Break	Break	Closing Ceremony BPA
3:30	Technical Session #2 Machine Learning	Technical Session #4 Routing and Scheduling	
5:00			
7:00	Reception	Dinner	







Welcome Message from the General Chairs

We are delighted to welcome you to the 7th edition of the Conference on Cloud and Internet of Things (CIoT) 2024, taking place in the beautiful city of Montréal.

This 3-day event will showcase the latest advancements in intelligent systems, cloud computing, and the Internet of Things (IoT). The CIoT conference serves as an international platform for academic and industrial exchanges, addressing the challenges of cloud and IoT systems—from sensors and machines to end users and applications connected to the Cloud.

Attendees will gain firsthand insight into how IoT continues to transform the information technology landscape by introducing numerous human-centered applications that enhance daily life and automate industries, from transportation to manufacturing. Additionally, cloud computing, along with its emerging variations such as edge and fog computing, provides the computational power necessary for fast processing and real-time actuation of IoT systems. The conference will also explore the intersection of IoT, Cloud, Artificial Intelligence, and the upcoming 6G network, examining their combined impact on the future of technology.

CloT 2024 offers a rich program, including three keynote, six technical sessions, as well as demo and poster presentations. We are confident that participants will gain valuable insights to inform their ongoing and future research, contributing to impactful discussions throughout the conference. Beyond the formal sessions, we believe the true value of CloT lies in the informal interactions—whether in the hallways, during coffee breaks, or over dinner and the banquet—where ideas are exchanged and collaborations are born.

We would like to extend our gratitude to the École de Technologie Supérieure for providing the facilities that make these exchanges possible. We are also deeply appreciative of our technical sponsors, IEEE and IEEE ComSoc, whose support has elevated the visibility of CIoT, attracting high-quality papers and participants from across the globe.

We also owe a special thank you to the incredible organizing committee, whose hard work and dedication made this conference a reality. A particular acknowledgment goes to DNAC, whose unwavering support has been invaluable from the moment we took on the responsibility of organizing CIoT. We would also like to express our sincere appreciation to the student volunteers, facility staff, and caterers, whose efforts have ensured the logistical success of this event.

Thank you all for being a part of CIoT 2024. We are confident this conference will be a source of knowledge, inspiration, and meaningful connections, and we hope you take the opportunity to explore and enjoy our wonderful city of Montréal.

Bienvenue!



Aris Leivadeas (ETS Montreal, Canada) *General Co-Chair*



Kim Koha Nguyen (ETS Montreal, Canada) *TPC Co-Chair*



Rami Langar (ETS Montreal, Canada) *General Co-Chair*



Eirini Eleni Tsiropoulou (University of New Mexico, USA) TPC Co-Chair





CIoT 2024 Keynotes



Enabling Collaborative Intelligence at the Edge: A Spatial Computing Approach with JAMScript Muthucumaru Maheswaran (McGill University, Canada)

Muthucumaru Maheswaran is an associate professor in the School of Computer Science and Department of Electrical and Computer Engineering at McGill University. Previously, he was an assistant professor in the University of Manitoba and a Scientist at TRLabs, Winnipeg. He

got a PhD in Electrical and Computer Engineering from Purdue University, West Lafayette, USA and a BSc in Electrical and Electronic Engineering from University of Peradeniya. He has researched various issues in mapping workloads onto Grids and utility computing (Cloud) systems such as task scheduling, trust management, resource discovery, and security. Many papers he co-authored in these topics have been highly cited by other researchers in this area. He has supervised the completion of 12 PhD theses and 40 MSc theses. He has published more than 130 technical papers in major journal, conferences, and workshops. He holds several US patents in wide-area content routing, synchronization, and task scheduling. Recently, his research has focused on the development of novel programming models and frameworks for edge-oriented Internet of Things and real-time AI applications at the edge. As part of this work, he is developed an open-source programming language called JAMScript and researching many issues including fault tolerance, scheduling, and synchronization within this framework

Abstract: Edge AI reimagines the network's edge as a continuously evolving learning environment, leveraging the diverse capabilities and data streams of devices such as drones, vehicles, wearables, and fixed sensors. By dynamically integrating resources and adapting to node availability and movement, the edge transforms into a collaborative space for intelligent decision-making, benefiting all connected devices and enabling innovative applications. Achieving this vision requires addressing several challenges, including managing decentralized learning, coordinating heterogeneous nodes, and safeguarding data integrity and privacy in a fluid network landscape. To meet these challenges, we propose a spatial computing approach to Edge AI programming that sustains intelligence within the edge environment, enabling devices to opportunistically engage with and enhance the shared knowledge base. This new paradigm is realized through JAMScript, a specialized programming language we are developing to support spatial computing for Edge AI.



IoT Device Performance in a Non-Reciprocal Wireless Network

Artmiz Golkaramnay (LATYS, Canada)

Artmiz Golkaramnay is the founder of LATYS Intelligence Inc, a Montreal-based wireless networking company. She earned her BS in Electrical and Computer Engineering at Norwich University (Vermont, USA) and her MASc in Electrical and Computer Engineering at Concordia al Canada)

University (Montreal, Canada).

Artmiz's initial research had been focused in diverse areas of circuit design, cryptography, and mathematics. Her latest research was focused on improving 5G mmWave networks using Reinforcement Learning techniques.

With her love for engineering and passion for the wireless communication industry, she has contributed to several professional organizations in different capacities, such as Society of Women Engineers (SWE), IEEE, and Tau Beta Pi (TBP).

Artmiz brings her research, leadership, and problem-solving experience to guide LATYS in building future-proof product solutions.

Abstract: A breakthrough in wireless networking for IoT devices—the LATYS FOCUS solution. This keynote will tackle a critical challenge facing IoT devices in wireless networks: the power mismatch problem. In such networks, imbalanced power between the source and IoT devices often leads to missed connections, dropped packets, high retry rates, and overall poor network performance.LATYS FOCUS introduces a cutting-edge approach that brings balance to these uneven links, enhancing device performance and optimizing energy use. Attendees can expect exciting insights, real-world case studies, and evidence of significant improvements in connectivity, speed, and reliability across diverse IoT applications.



Advancing Cloud and IoT Security through LLMs, Federated and Deep Reinforcement Learning

Mohamed Chahine Ghanem (London Metropolitan University, UK)

Mohamed Chahine Ghanem is Principal Consultant (Industry) an Associate Professor (Academia) in Cyber Security and Applied AI, he serves as Director of the Cyber Security Research Centre at London Metropolitan

University and is Senior Academic in Cyber Security at the University of Liverpool (UK). Before joining Academia, Dr Ghanem earned solid expertise with over 15 years of practice at mid-senior and senior positions within law-enforcement and corporations mainly acting as Principal Investigator and Lead Cyber Risk Auditor. Dr Ghanem holds an Engineering Degree in Computer Science, an MSc in Digital Forensics & IT Security and a PhD in Cyber Security Engineering from the City, University of London. Over the years, Dr Ghanem earned many reputable certificates and credentials such as CISSP, CPCI, multiple GIAC certificates. Dr Ghanem is currently leading research project aiming to apply AI in digital forensics, IoT, defensive & offensive cyber security.

Abstract: The rapid expansion of the Internet of Things (IoT) and cloud computing has revolutionized numerous industries by enhancing connectivity, automation, and data processing capabilities. However, this growth has also introduced significant security challenges, with IoT devices and cloud infrastructures becoming prime targets for cyberattacks. Recent developments in AI, particularly Large Language Models (LLMs), Federated Learning (FL) and Deep Reinforcement Learning (DRL), present innovative solutions to bolster IoT and cloud security. This talk explores the integration of LLMs and DRL to enhance many security aspects such as communication security, intrusion detection, incident response, forensic investigation as well as enforcing security by design in IoT and cloud environments.

Large Language Models (LLMs) exploit their advanced natural language processing capabilities to scrutinize extensive datasets, thereby identifying anomalies and forecasting potential threats. Simultaneously, Deep Reinforcement Learning (DRL) algorithms enhance security protocols through ongoing learning and adaptation to the evolving threat landscape. The Talk will highlight the synergistic potential of integrating LLMs, FL and DRL to deliver robust, distributed, and real-time security monitoring and automated mitigation strategies. The Integration and orchestration of these approaches could constitute a proactive defence mechanism, markedly enhancing the resilience of IoT and cloud infrastructures against cyberattacks. The talk will also discuss future research directions notably refining these AI models for heightened accuracy and redefining cybersecurity paradigms for IoT and cloud computing.





Tuesday, October 29, 2024

08:00 - 09:00 Registration & Opening Session

09:00 - 10:00 Keynote #1: Enabling Collaborative Intelligence at the Edge: A Spatial Computing Approach with JAMScript Speaker : Muthucumaru Maheswaran (McGill University, Canada) Session Chair : Kim Koha Nguyen (ETS Montreal, Canada)

10:00 - 10:30 Coffee break

10:30 - 12:00 TS #1: Internet of Things: Scalability & Interoperability

Session Chair : Rami Langar (ETS Montreal, Canada)

Enhancing IoT Connectivity with Matching Theory-Based Spectrum Sharing for IRS-Aided Multi-Cell Systems

Lilatul Ferdouse (Wilfrid Laurier University, Canada); Faria Khandaker (Algoma University, Canada)

An Analysis on CVE Vulnerabilities of the Internet of Things

Anurag Kumar and Carol J Fung (Concordia University, Canada)

IoT-enabled Pediatric Pain Care Leveraging Majority Vote-based Transfer Learning Models

Nupur Gaikwad (Dalhousie University, Canada); Darshana Upadhyay (Dalhousie University, Canada & Cistel Technology, Canada); Jaume Manero (Universitat Politècnica de Catalunya, Spain); Srinivas Sampalli (Dalhousie University, Canada)

Comparative Performance Analysis of NDN Protocol in IoT Environments

Mohamed Ahmed Mohamed Hail, Arne Matthes and Stefan Fischer (University of Lübeck, Germany)

Effective IDS under constraints of modern enterprise networks: revisiting the OpTC dataset

Victor Nikulshin and Chamseddine Talhi (École de Technologie Supérieure, Canada)

12:00 - 13:30 Lunch break

13:30 - 15:00 SS #1: IoT Applications Session Chair : Aris Leivadeas (ETS Montreal, Canada)

SKELETRACK: Efficient Tracking of Skeleton in Blurry Videos for Human Activity Recognition

Haoran Qi, Zihan Zhang and Farhana Zulkernin (Queen's University, Canada)

Non-reciprocal RIS-Aided Full-Duplex Communications: IoT Applications

Zahra Taheri (Concordia University, Canada); Mohamed Ibrahim (Communication Systems Architect, Canada & LATYS, Canada); Mohammad Reza Soleymani (Concordia University, Canada); Paul Tornatta (LATYS Intelligence Inc., Canada)

Deep Reinforcement Learning-Enabled Resilient Radio Resource Allocation for Internet-of-Things Networks with Receiver Non-Linearity

Nahed Belhadj Mohamed (University of Quebec, Canada); Md. Zoheb Hassan (Université Laval, Canada); Georges Kaddoum (ETS Engineering School, University of Québec, Canada)

An Exploratory Study on Code Quality, Testing, Data Accuracy, and Practical Use Cases of IoT Wearables

Jean Baptiste Minani (University of Concordia, Canada); Yann Gaël Guéhéneuc (Concordia University, Canada); Moha Naouel (École de technologie supérieure, Canada); Fatima Sabir (University of the Punjab, Pakistan); Yahia El-Fellah (École de technologie supérieure, Canada); Sanam Ahmed (Punjab University College of Information Technology, Pakistan); Yann-Gaël Guéhéneuc (Concordia University, Canada)

Metamorphic Testing for Investigation of Context Recognition from Smart Home Voice Commands

Fahima Hasan Athina, Jeniya Sultana, Debaleen Das Spandan and Razib Iqbal (Missouri State University, USA)

Computation Offloading on 5G Core Network for a Highly Delay Sensitive Real Time App

Pierre Domachowski and Haga Randrianaly (Télécom SudParis, France); Noel Crespi (Institut Mines-Télécom, Télécom SudParis, France); Marie-Jose Montpetit (École de Technologie Supérieure, Canada & Iowa State University, USA)

15:00 - 15:30 Coffee break

15:30 - 17:00 TS #2: Machine Learning

Session Chair : Marie-José Monpetit (McGill University, Canada)

Machine Learning and Large Language Models-based Techniques for Cyber Threat Detection: A Comparative Study

Anes Abdennebi (IMAGIN Lab, Canada); Reda Morsli (École de technologie supérieure, Canada); Nadjia Kara (École de Technologie Supérieure, Canada); Hakima Ould-Slimane (Université du Québec à Trois-Rivières, Canada)

S4HI: A Novel Learning-based Human Identification Method from Behavioural Data

Khalil Snoussi (École de technologie supérieure, Canada); Wael Jaafar (École de Technologie Supérieure, Canada); Rami Langar (Ecole de Technologie Supérieure de Montréal, Canada & University Gustave Eiffel, France)

Query Prediction for Log Search for Distributed Tracing with External Monitoring Alerts

Tomoyuki Koyama, Takayuki Kushida and Soichiro Ikuno (Tokyo University of Technology, Japan)

Virtualized Wireless Sensor Networks for Distributed Applications over the Cloud Continuum

Adriana Arteaga Arce, Alexandre Veremme, Carol Habib and Nathalie Mitton (Centre Inria de l'Université de Lille, France)

Sustainability of AI – Energy consumption estimation of an mMTC admission control

Abdelkader Outtagarts (Nokia Bell Labs, France); Lucas Otávio Nascimento de Araújo (Télécom Paris & Nokia Networks France, State University of Campinas, France)

17:00 Welcome Reception



Wednesday, October 30, 2024

08:00 - 09:00 Registration

09:00 - 10:00 Keynote #2: Advancing Cloud and IoT Security through LLMs, Federated and Deep Reinforcement Learning

Speaker : Mohamed Chahine Ghanem (London Metropolitan University, UK) Session Chair : Rami Langar (ETS Montreal, Canada)

10:00 - 10:30 Coffee break

10:30 - 12:00 TS #3: Resource Management Session Chair : Wael Jaafar (ETS Montreal, Canada)

Resource Management for Reduced Capability New Radio Devices in Beyond 5G Networks: Opportunities and Research Road Map

Neelanjana Subin Ferdous (World University of Bangladesh, Bangladesh); Md. Zoheb Hassan (Université Laval, Canada); Imtiaz Ahmed (Howard University, USA); Lutfa Akter (Bangladesh University of Engineering and Technology, Bangladesh)

Optimizing multi-service migration and downtime at the network edge using deep reinforcement learning

Arshin Rezazadeh (The University of Western Ontario, Canada); Davood Abednezhad (Khouzestan Oxin Steel Company, Iran); Duff Jones (Western University, Canada); Hanan Lutfiyya (The University of Western Ontario, Canada)

End-to-End Decentralized Tracking of Carbon Footprint using Internet of Things and Distributed Databases

Salman Ali, Wolfgang Banzhaf, Cedric Gondro and Qiben Yan (Michigan State University, USA)

Selective Excitation Technique for Wireless Power Transfer in Wearable Devices Using CMA

Ferdaous Abderrazak (Université du Québec en Outaouais & Antennas and Propagation Lab (APL) – iTEAM – Universitat Politècnica de València, Canada); Peyman PourMohammadi (INRS, Canada); Larbi Talbi (University of Quebec – Outaouais, Canada); Eva Antonino-Daviu (Universitat Politècnica de València, Spain); Tayeb Denidni (INRS, Canada); Miguel Ferrando-Bataller (Universitat Politècnica de València, Spain)

Efficient Resource Allocation for Multi-Robot Collaboration via Traffic-Aware Pod Autoscaling Swarnabha Roy, Reece Dobson, Jack Campbell and Stavros Kalafatis

(Texas A&M University, USA)

12:00 - 13:30 Lunch break

13:30 - 15:00 Demos/Posters Session Session Chair : Olivier Brochu (ÉTS, Montreal)

DEMO: Non-Reciprocal RIS Solution for Power Mismatch in WiFi-Connected IoT Devices

Mohamed Ibrahim (Communication Systems Architect, Canada & LATYS, Canada); Zahra Taheri (Concordia University, Canada); Octavio Barrera and Artmiz Golkaramnay (LATYS, Canada)

Demo: Virtualized Wireless Sensor Networks for Distributed Applications over the Cloud Continuum Adriana Arteaga Arce, Alexandre Veremme and Carol Habib (Inria, France); Nathalie Mitton (Inria Lille – Nord Europe, France)

DEMO of: A Policy-based System for Service Provisioning in Edge Computing

Dalal Direm (EŠI, Algeria); Zakaria Maamar (UDST, Qatar); Amel Benna (CERIST & USTHB, Algeria)

(POSTER) Cloud Monitoring and Prediction of Indoor LoRa-based Air Quality Data

Shuyan Han, Evelyn Hui Kai Šoon, Shihang Ruan, Haoming He, Morteza Moghaddassian and Alberto Leon-Garcia (University of Toronto, Canada)

(DEMO) An IoT toolbox for media arts

Sarah Al Mamoun, Pía Baltazar, Charles Bicari, Marek Blottière, Jean-Michaël Celerier, Rochana Fardon, Olivier Gauthier, Eduardo A L Meneses, Maggie Needham and Guillaume Riou (Société des Arts Technologiques, Canada)

(DEMO) WTTool: A Visual Web-based Topology Generator and 5G Network Simulator with ns-3

Nicholas D Accurso (University at Buffalo, USA); Samir Si-Mohammed (University of Strasbourg, France); Diptangshu De and Filippo Malandra (University at Buffalo, USA)

Demo-ScanloT, an Application to collect IoT dataset for HomeGuard

Abdul Fareed Jamali and Carol J Fung (Concordia University, Canada)

xApps for DDoS Attacks Detection and Mitigation in 5G-V2X O-RAN Networks

Mirna Awad (Ecole de technologie Superieure, Canada); Adam Ait Hamid (University Gustave Eiffel, France); Yeogeuch Ranganathan (Polytech Sorbonne, France); Nizar Choubik (Bordeaux INP, France); Rami Langar (Ecole de Technologie Supérieure de Montréal, Canada & University Gustave Eiffel, France); Wael Jaafar (École de Technologie Supérieure, Canada)

15:00 - 15:30 Coffee break

15:30 - 17:00 TS #4: Routing and Scheduling Session Chair : Aris Leivadeas (ETS Montreal, Canada)

Informed Network Routing for SD-WAN enabled SaaS Optimization: An M365 Proof of Concept

Sai Suchandan Reddy (Cisco Systems, USA); Nikolai Pitaev (Cisco Systems, Germany); Aris Leivadeas (École de Technologie Supérieure, Canada)

An Architectural Approach for Enhanced Data Interoperability Across Building Systems

Peter Yefi (Concordia University, Canada); Ramanunni P Menon (Institute for Solar Research, German Aerospace Centre, Jülich, Germany); Sikandar Ejaz (Concordia University, Canada); Ursula Eicker (Canada Excellence Research Chair Next Generation Cities, Canada); Yann-Gaël Guéhéneuc (Concordia University, Canada)

A Deep Dive into Congestion Control and Buffer Management for Fluctuation-Prone 5G-A/6G Links

Jorge Ignacio Sandoval (University of Chile, Chile); Sandra Céspedes (Concordia University, Canada); Agustin E Gonzalez Uriarte and Diego Torreblanca (University of Chile, Chile); Ignacio Gabriel Bugueño-Córdova (University of Chile, Chile & University of O'Higgins, Chile)



On the Joint Placement of Blockchain and Users' Virtualized Services in the Internet of Vehicles

Messaoud Ait Yahia (École de Technologie Supérieure de Montreal, Canada); Mouhamadou Mouctar Gueye (Université Alioune Diop de Bambey, Senegal); Wael Jaafar (École de Technologie Supérieure, Canada); Rami Langar (Ecole de Technologie Supérieure de Montréal, Canada & University Gustave Eiffel, France)

VizCheck: Enhancing Phishing Attack Detection through Visual Domain Name Homograph Analysis Hafidh Zouahi (StreamScan Inc. & École de Technologie Supérieure (ÉTS Montreal), Canada); Chamseddine Talhi (École de Technologie Supérieure, Canada); Oussama Boudar (StreamScan Inc., Canada)

19:00 Conference Dinner

Thursday, October 31, 2024

08:00 - 09:00 Registration

09:00 - 10:00 Keynote #3: IoT Device Performance in a **Non-Reciprocal Wireless Network** Speaker : Artmiz Golkaramnay (LATYS, Canada) Session Chair : Kim Koha Nguyen (ETS Montreal, Canada)

10:00 - 10:30 Coffee break

10:30 - 12:00 TS #5: Cloud and Sustainability

Session Chair : Marie-José Monpetit (McGill University, Canada)

Privacy Preserved IoT Data Inquiry System using DoT Hayato Sagara (Hokkaido University, Japan); Yong Jin (Tokyo Institute of Technology, Japan); Katsuyoshi lida and Yoshiaki Takai (Hokkaido University, Japan)

Anomaly Detection in IoT Sensor Energy Consumption Using LSTM Neural Networks and Isolation Forest

Quôc Vo (University of Paris Cité, France); Philippe Ea (Université Paris Cité, France); Selma Benzouaoua (Université paris cité, France); Osman Salem (University of Paris Cité, France); Ahmed Mehaoua (Universite Paris Cite, France)

A Novel Communication-Efficient and Blockchain-Secured Distributed Federated Learning

Souad Beguenane (École de technologie supérieure, Canada); Wael Jaafar (École de Technologie Supérieure, Canada)

Enhancing Port Scan and DDoS Attack Detection using Genetic and Machine Learning algorithms

Jean-Bernard Altidor (École de Technologie Supérieur, Canada); Chamseddine Talhi (École de Technologie Supérieure, Canada)

Secure Cloud-based Provisioning and Managing the Complete Life Cycle of IoT Metals

Morteza Moghaddassian and Jj Garcia-Luna-Aceves (University of Toronto, Canada)

12:00 - 13:30 Lunch break

13:30 - 15:00 TS #6: Secure Internet of Things

Session Chair : Aris Leivadeas (ETS Montreal, Canada)

Anomaly Detection in Federated Learning: A Comprehensive Study on Data Poisoning and Energy Consumption Patterns in IoT Devices (FP)

Abdelkader Tounsi (Université Paris Cité, France); Osman Salem (University of Paris Cité, France); Ahmed Mehaoua (Universite Paris Cite, France)

Beyond the Lens: False Data Injection Attacks on IIoT-Cameras through MQTT Manipulation (FP)

Wael Alsabbagh (Brandenburg University of Technology & IHP GmbH, Germany); Peter Langendoerfer (IHP Microelectronics, Germany); Chaerin Kim (Brandenburgische Technische Universität Cottbus - Senftenberg, Germany); Nitin Sanjay Patil (Brandenburg University of Technology, Germany)

Blockchain for Securing CI/CD Pipeline: A Review on Tools, Frameworks, and Challenges

Sabbir Muhammad Saleh and Nazim Madhavji (University of Western Ontario, Canada); John Steinbacher (IBM Canada, Toronto, ON, Canada)

ElectroBlock: Reinforcement Learning and Blockchainbased Energy Trade to Optimize Tariffs

Ridwan Arefin Islam (McGill University, Canada); Md. Rezwan-Ul- Islam and Swakkhar Shatabda (United International University, Bangladesh); Salekul Islam (North South University, Bangladesh)

Optimizing IoT Network Intrusion Detection: A Deep Learning Approache

Khorshed Alam (United International University, Bangladesh & Independent University Bangladesh (IUB), Bangladesh); Md Fahad Monir (Virginia Polytechnic Institute and State University, USA); Zoheb Hasan (Universit e Laval, Canada); Md. Tarek Habib (Independent University Bangladesh, Bangladesh)

15:00 - 15:30 Closing Ceremony + Awards











CloT 2024 Dinner

The conference dinner will take place on Wednesday October 30, 2024 at 07:00 pm at

Gibbys 298 PI. d'Youville, Montréal, QC H2Y 2B6

Experience the finest seafood, fresh sumptuous chilled oysters, large choice of the freshest fish, and Gibbys' expertly aged delectable steaks, cooked to perfection.













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Demos and Posters Co-Chairs



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