



**I Seminari su “Information Technology Outlook” – Dottorato di Ricerca in Informatica e Matematica**

**AVVISO DI SEMINARIO**



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École de Technologie Supérieure (ÉTS), Montreal

**Martedì 7 dicembre 2021**

**ore 12:00**

**aula Consiglio, 7° piano**

**SYNCROMEDIA: Laboratory for Multimedia Communications in Telepresence - Organizational & Research Activities in Smart Sustainable City Technologies**

This presentation will highlight Synchronmedia Lab research on Smart Sustainable City Technologies. Advanced testbed platforms will be presented: GreenStar Network, Telco-Cloud, vWAN Ciena, M2M Ericsson Smart Residence, and Le Quartier d'Innovation in Montreal. These ICT platforms are designed with awareness and smartness features supporting a smarter and sustainable networked society. Outcome of these enabling technologies offer opportunities to policy-makers, research institutes and business to learn, share, and collect experience and best practices of using ICT to plan and operate sustainable urban communities. Scientific results, design concepts and technical solutions will be presented, as well as approaches, and professional experiences.

**Short bio.** Dr. Cheriet is an expert in Computational Intelligence, Pattern Recognition, Machine Learning, Artificial Intelligence and Perception. In addition, Dr. Cheriet research has extensive experience in sustainable and empowered AI Future Networks and cloud computing. Dr. Cheriet has published more than 500 technical papers in the field and serves on the editorial boards of several renowned journals and international conferences. He held a Tier 1 Canada Research Chair on Sustainable and Smart Eco-Cloud and lead the establishment of the first smart university campus in Canada, created as a hub for innovation and productivity at Montreal. Dr. Cheriet is the General Director of the FRQNT Strategic Cluster on the operationalization of sustainability development, CIRODD (2019-2026). He is IAPR Fellow, CAE Fellow and IEEE Senior Member.