

KEYNOTE SPEAKER OF ISDFS 2024

Prof. Dr. Hamadou Saliah-Hassane, TELUQ University



Biography

Professor Saliah-Hassane earned a PhD in Electrical and Computer Engineering from McGill University in Montreal, and a Bachelor and Master of Applied Science degree from École Polytechnique de Montréal, Canada. He is currently teaching Informatics and Computer Networks and Security at TELUQ University in Montreal where he is researching Intelligent Distributed Systems and Mobile Robotics. Professor Saliah-Hassane has received many awards in recognition of his accomplishments, including many IEEE Education Society Certificates of Appreciation, and IEEE Education Society's EdWin C. Jones, Jr. Meritorious Service Award (2019). And aligned with his work on Distributed Embedded Systems, the IEEE Standards Association award with appreciation for chairing and contributing to the development of IEEE Standard 1876 – 2019 on “Networked Smart Learning Objects for Online Laboratories” (2019), the IEEE SA 2019 Emerging Technology Awarded to IEEE SA 1876 – 2019 Working Group. Under the Candidate's leadership as the Chair of the Montreal IEEE Education Society Chapter (2005 -2022), the Chapter received the “2019 Chapter Achievement Award for sustained contributions of innovative educational and professional activities in the community”.

Professor Saliah-Hassane is a member of Professional Engineers of Québec (OIQ); the American Society for Engineering Education (ASEE); of African Engineering Education Association (AEEA); Was member of

Board of Governors of IEEE Education Society (2007 -2013 & 2014-2017) and Past Chair of its Standards Committee). Prof. Saliah-Hassane was Chair of Electrical Engineering Department of an African Regional Engineering School of Mine, Industry and Geology including seven countries in Niger (1989-1994).

Professor Saliah-Hassane received the “2005 Achievement Award” from the International Network for Engineering Education (iNEER) for “Research and Innovation on Online Laboratories and for the Advancement of International Collaboration”. He is one of the founding members of the Global Online Laboratory Consortium called GOLC (2009) merged with the International Association for Online Engineering (IAOE) where Prof Saliah-Hassane is a member of the Executive Committee. In 2012, Professor Saliah-Hassane was recognized with the highest academic distinction of “Commander of the Order of Academic Palm” by the Republic of Niger, his native country.

Subject: Developing Educational Standards on Secure and Trusted Learning Systems: Opportunity, Progress and Challenges

Summary: He will present the development process of the IEEE P2834 Standard on secure and trusted learning systems and the P2834.1 Standard on Digital Forensics on Trusted Learning Systems. He will show how the two IEEE Standards Association working groups are organized to divide and conquer the complex tasks including the ones of securing the e-learning environments and its learning material and the contents delivered electronically and, in some cases, the hardware needed to perform hands-on laboratory activities while preserving learner data privacy.