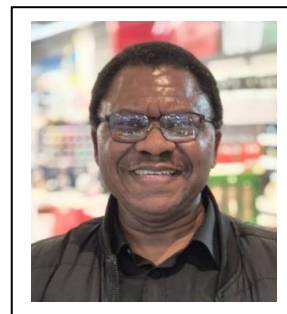


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Bio

Innocent Ewean Davidson, (Senior Member, IEEE) received the B.Sc. (Eng.) (Hons) and MSc (Eng.) degrees in Electrical Engineering from the University of Ilorin, in 1984 and 1987, respectively, Ph.D. degree in electrical engineering from the University of Cape Town, in 1998; and the PG Diploma degree in Business Management, from the University of KwaZulu-Natal, in 2004. He also received Associate Certificate in Sustainable Energy Management (SEMAC), from the British Columbia Institute of Technology, Burnaby, BC, Canada, in 2011, and the Course Certificate in Artificial Intelligence, from the University of California at Berkeley, USA in 2020. He is a Full Professor and Director, French South African Institute of Technology (F'SATI), and the African Space Innovation Center (ASIC), Cape Peninsula University of Technology (CPUT), Bellville, South Africa. He has supervised six postdoctoral research fellows and graduated 63 Ph.D./Masters' students and over 1200 engineers, technologists, and technicians. He is the author/co-author of 405 technical papers in accredited journals, and peer-reviewed conference proceedings and book chapters. He has managed over US\$3 million in research funds. His current research interests include Space and CNS Innovation, smart grids, electromagnetics and applied artificial intelligence. He is a Fellow grade of the Institute of Engineering and Technology, UK, and the South African Institute of Electrical Engineers; a Chartered Engineer in the U.K.; and a registered Professional Engineer (P Eng.), of the Engineering Council of South Africa. He is a member: Western Canada Group of Chartered Engineers (WCGCE); the Institute of Engineering and Technology (IET Canada) British Columbia Chapter; IEEE Collabratec Communities on Smart Cities and IEEE (South Africa Chapter). He is a recipient of numerous international Best Paper Awards. He is a C2-rated researcher from the National Research Foundation (NRF), South Africa.