Short Bio:

Dr. Dan Ionescu is a Professor with the University of Ottawa (the Capital City University). He is the Director of the Network Computing and Control Technologies (NCCT) research laboratory since 1999. Former director of Computer Engineering at the above university from 1996 to 2000, Dr. Dan Ionescu is a senior member of various IEEE, IFIP, and IFAC groups.

His research at the University of Ottawa spans over domains such as Artificial Intelligence, Machine Vision, Distributed Computing, Network Computing and Control, Internetworking Technologies, Web Collaboration platforms and others. His contributions to Expert Systems, Image Processing, Temporal Logic, Discrete Event and Real-Time Systems materialized in a series of more than 250 papers, and a book. A series of industrial and governmental research grants were obtained by Dr. Ionescu which were used for equipping the NCCT with state of the art high-end routing and switching devices, and large server farms, connected directly to Ca*net 4, Abelene, GEANT, and other main research-public networks. His research works were at the foundations of a few start-ups such as Diatem Networks, ARTIS, and Mgestyk.

His recent research efforts are directed at collaborative multimedia platforms, autonomic computing, big data, IoT, and new man-machine interface paradigm. Results of his research materialized into a Big Data Platform called M3Data in use at the Government of Canada.