



Prof. Amr Youssef

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BIO



Prof. Amr Youssef is a Professor at the Concordia Institute for Information Systems Engineering (CIISE) at Concordia University in Montreal, Canada. He received his B.Sc. and M.Sc. degrees in Electronics and Communication Engineering from Cairo University, Egypt, in 1990 and 1993, respectively, and his Ph.D. in Electrical and Computer Engineering from Queen's University, Canada, in 1997.

Dr. Youssef's research interests are centered on the foundational and applied aspects of information security, with a primary focus on cryptography, cryptanalysis, the hardware implementation of cryptographic algorithms, and malware analysis. He has made significant contributions to the design and security evaluation of cryptographic primitives and protocols, publishing extensively in top-tier journals and conferences.

Prior to joining Concordia University, Dr. Youssef held research and industry positions at the Center for Applied Cryptographic Research at the University of Waterloo, IBM, and Nortel Networks. He is a dedicated educator and has taught a wide range of courses, including Foundation of Cryptography, Information Systems Security, and System Hardware at both the graduate and undergraduate levels.

Dr. Youssef is an active member of the international research community, having served on numerous technical program committees for major conferences, including IEEE ICC, IEEE Globecom, AFRICACRYPT, and the annual Workshop on Selected Areas in Cryptography (SAC). He has also co-chaired several prestigious events, including SAC 2001, SAC 2006, SAC 2014, and AFRICACRYPT 2013. Throughout his career, he has supervised over 30 graduate students at the M.A.Sc. and Ph.D. levels, many of whom have gone on to successful careers in academia and industry.