



# The Engineering Institute of Canada

## 2023 Award Citation

### EIC Fellow



***Abdallah Shami***

**Nominated by IEEE Canada**

*Dr. Shami is a global leader and innovator in telecommunications network planning, orchestration, and optimization. His research has led to breakthroughs in the development of 5G telecommunications virtualized service orchestration algorithms, that have been adopted widely in industry and resulted in significant operating and capital expenses reduction. His distinctive contributions in the field of the Industrial Internet by developing low-complexity anomaly detection frameworks for harsh industrial environments are contributing to extensive cost savings and to more sustainable environmental conditions.*

*Dr. Shami's innovative work is well recognized through numerous best paper and industrial awards, and international leadership recognitions. He is an excellent academic leader and educator, serving as an Acting Associate Dean of Research at the Faculty of Engineering at Western, led the development of the pioneering interdisciplinary Artificial Intelligence System Engineering undergraduate program at Western University, trained over 80 researchers, and has published more than 300 papers with about 8,000 citations. He has given unstintingly time and resources as a volunteer to the IEEE.*

*Ladies and gentlemen, and Ms. President, please welcome Abdallah Shami as a Fellow of the Engineering Institute of Canada.*