



Fadhel Ghannouchi - nominated by IEEE Canada

After many years in teaching and research at École Polytechnique, University of Montreal, Fadhel Ghannouchi joined the University of Calgary as an iCORE (Informatics Circle and Research Excellence) Professor / Senior Canada Research Chair and iRadio Laboratory Director to establish and head a new research laboratory dedicated to intelligent RF Radio Technology. His noteworthy achievements include more than 20 years of teaching and research work in the area of RF and microwave engineering. He has made numerous contributions related to the field of microwave theory and techniques.

To achieve his research goals of testing, modeling, designing, and building high performance RF circuits and subsystems for wireless and satellite communication systems, Fadhel proposed several advanced methodologies and techniques to perform accurate measurements on materials, devices, circuits and systems. He has contributed to the state-of-the-art in device-level and system-level modeling and analysis of microwave devices, circuits and systems. As a result of his extensive R&D activities, Fadhel has more than 250 conference papers and over 130 journal papers/patents.

Fadhel Ghannouchi has served the IEEE with great dedication: as a reviewer for IEEE Transaction Journals; as a workshop and tutorial organizer and session chair; as a member of technical committees for Conferences and Symposia; and as a member of IEEE-MTT technical committee "Microwave High Power Techniques". His excellence in research has been recognized through Fellowship in the IEEE, the Research Excellence Award SSE from the University of Calgary, Department of ECE Research Excellence (University of Calgary), Canada Research Chair from the Government of Canada, and iCORE Professorship from the Government of Alberta. We are pleased to add to these distinguished honors this evening by conferring upon him the grade of EIC Fellow.

Ladies & gentlemen and Mr. President, please welcome Fadhel Ghannouchi as a Fellow of the Engineering Institute of Canada.