



Jean-Claude Belfiore graduated from Ecole Supérieure d'Electricité (Supelec), got his PhD from Telecom Paris and the Habilitation from Université Pierre et Marie Curie (UPMC). Until 2015, he has been with Telecom Paris as a full Professor in the Communications & Electronics department. In 2015, he joined the Mathematical and Algorithmic Sciences Lab of Huawei as the head of the Communication Science Department and now the Director of Wireless Technology Lab, Paris. Jean-Claude Belfiore has made pioneering contributions in modulation and coding for wireless systems (especially space-time coding) by using tools of number theory. He is also one of the co-inventors of the celebrated Golden Code of the Wi-Max standard. Jean-Claude Belfiore is author or co-author of more than 200 technical papers and communications and has served as an advisor for more than 30 Ph.D. students. He was Associate Editor of the IEEE Transactions on Information Theory for Coding Theory and has been the recipient of the 2007 Blondel Medal. In Huawei, he has been involved in 5G standardization process, essentially in Channel Coding (Polar Codes for 5G). He is now working in wireless 6G, on artificial reasoning and future wireless networks for intelligent machines.