

Professor Patrick Jaillet, MIT

Professor Patrick Jaillet is the Dugald C. Jackson Professor in the Department of Electrical Engineering and Computer Science and a member of the Laboratory for Information and Decision Systems at MIT. He is also Co-Director of the MIT Operations Research Center. He was Head of Civil and Environmental Engineering at MIT from 2002 to 2009, where he currently holds a courtesy appointment. From 1991 to 2002 he was a professor at the University of Texas in Austin, the last five years as the chair of the Department of Management Science and Information Systems. He co-founded and was director of UT's Center for Computational Finance. Before his appointment at UT Austin, he was a faculty and a member of the center for applied mathematics at the Ecole Nationale de Ponts et Chaussee in Paris. He received a Diplome d'Ingenieur from France (1981), then came to MIT where he received the SM in Transportation (1982) followed by a PhD in Operations Research (1985). Dr. Jaillet's research interests include on-line problems; real-time and dynamic optimization; network design and optimization; probabilistic combinatorial optimization; and financial engineering. His research has been funded by NSF, ONR, USDOT, and from private funds (e.g., UPS, Indosuez Bank). Professor Jaillet has taught courses in combinatorial optimization; network optimization; probabilistic methods in operations research; stochastic analysis; risk management; and mathematics in finance. Dr. Jaillet's consulting works include supply chain strategy, logistics and distribution optimization, electronic marketplace design, and development of optimization solutions in various industries, including automotive, financial and manufacturing. Dr. Jaillet was a Fulbright Scholar in 1990. He is a member of the Institute for Operations Research and Management Science Society (INFORMS) and of the Society for Industrial and Applied Mathematics (SIAM). He is currently an Associate Editor for Networks, Transportation Science, and Naval Research Logistics, and has been an Associate Editor for Operations Research from 1994 until 2005.