Kurt Marti has been one of the major proponents of stochastic programming approaches to engineering problems, including those arising in structural design, robotics and others. His early work focused on approximations and stability of stochastic programs, as well as approximation and differentiation of probability functionals. Kurt has also developed new algorithmic procedures, including semi-stochastic approximation and stochastic quasigradient methods for stochastic programs. He has been a regular organizer of stochastic programming workshops in Neubiberg, (Germany), and Laxenburg (Austria) under the auspices of GAMM, IFIP, and IIASA. In connection with these workshops, he has been an editor and co-editor of several edited volumes. He has also served on the editorial board of *Optimization*. Since 1997 he has served as chairman of the working group WG–7.7 “Stochastic Optimization” within the Technical Committee for System Modelling and Optimization of IFIP.

**Selected Contributions**

- Semi-stochastic approximation procedures and stochastic quasigradient methods for stochastic programs (Optimization 17(1986); Numerical Techniques for Stochastic Optimization [Ermoliev, Wets, eds.] Springer, 1988),

**Stochastic Optimization by Kurt Marti** (Books/Proceedings)

- *Stochastic Optimization Methods* Kurt Marti, 15 November, 2004 Springer Verlag
- *Descent Directions and Efficient Solutions in Discretely Distributed Stochastic Programs* (Lecture Notes in Economics and Mathematical Systems, Vol 299) Kurt Marti, 01 May, 1988 Springer-Verlag
- *Stochastic Programming Methods and Technical Applications* Peter Kall, 15 February, 2001 Springer-Verlag