

The MIRCE Akademy 2017 Annual Lecture



18.00, Woodbury Park, Exeter, UK, 12th December 2017

Tribute to Professor Arie DUBI GFMA (1945-2015)

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Abstract

Professor Dubi's fields of expertise ranged from the Transport Theory of Neutral and Charged Particles, Methodology of the Monte Carlo Methods, Variance reduction methods, Reliability Theory, to the Application of Stochastic Simulation in Industrial High Technology Systems. From 1998-2013 he was the Chief Scientist of the Clockwork Group Inc., where he developed the Multipurpose System Engineering Monte-Carlo based code SPAR™.

From 1994 Arie Dubi was a Full Professor at the Department of Nuclear Engineering, at Ben-Gurion University of the Negev in Israel, until his retirement in 2014. He has published numerous scientific and technical papers all over the world including three books on Monte Carlo Simulation to System Engineering Process (philosophy, theory, modelling, computation and optimizations).

Professor Dubi was the recipient of several international academic and professional awards, including the Grand Fellowship of the MIRCE Akademy, GFMA, the highest award that it can bestow upon an individual in recognition of their unique contribution to System Operational Science, which he was awarded in December 2001. He visited, lectured and participated in numerous Events organised by the Akademy, always being admired for his knowledge, charisma, intelligence, wit, friendliness and "piano playing".

Above all Professor Dubi was a great supporter and friend of the MIRCE Akademy, firmly believing that it has to succeed in its endeavour to develop a body of knowledge for managing in-service reliability, cost and effectiveness, based on scientific principles, as he firmly believed "*That Science deprives many from the right to have an opinion.*"

Admission Free, all welcome, R.S.V.P. by 2nd December