

PAUL A. CROCE

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Dr. Croce has addressed a variety of safety, security and protection problems in his research, including the effects of fluid stress in biomedical applications, fire and explosion hazards in industrial and residential settings, quantitative risk assessments for various operations and technologies, transportation of hazardous materials, the management of technological risk and the evaluation of security and business interruption risk in the financial industry.

Dr. Croce is currently the Chair of the International FORUM for Cooperation in Fire Research, and a member of the US Department of Energy Commission on Fire Safety and Preparedness. He has been a member and chaired several committees in professional societies and is a former Chair of the ASME Safety and Engineering and Risk Analysis Division. He is a Fellow of the American Society of Mechanical Engineers, a Member of the American Institute of Chemical Engineers and a Member of the National Fire Protection Association.

In addition to FM Global Research, Dr. Croce has worked for Arthur D. Little, Inc., the ACO Everett Research Laboratory, and the NASA Ames Research Center. He has a Bachelors of Science degree from the Massachusetts Institute of Technology and a Doctor of Science degree from Washington University (Saint Louis).

Professional Activities

Chair, International FORUM on Fire Research (1988-present)
Member, Federal Commission on Fire Safety and Preparedness for the
Department of Energy Complex (2000-present)
Member, Fire Protection Engineering Advisory Board, Worcester
Polytechnic Institute
NFPA Committee on Risk Assessment Techniques (2000-2001)
Representative, Industrial Research Institute
ASME General Engineer Technical Group Operating Board (1990-1996)
ASME Safety Engineering & Risk Analysis Division, Chair (1992),
1st Vice Chair (1991)
ASME Safety Division, Vice Chair (1991), Secretary (1990), Treasurer (1989),
Executive Committee Member-at-Large (1988), Program Committee Chair
(1986-1987)
ASME Risk Analysis Task Force, Vice Chair (1985-1991)
ASME Technical Committee on Facility Safety (1983-1988)
NFPA Technical Committee on Underground Mines (1979-1981)
FMRC Technical Data Services Committee, Chair (1976-1981)

Education and Training

Sc.D., 1972, Washington University, St. Louis, MO
S.M.M.E., 1964, Massachusetts Institute of Technology, Cambridge, MA
B.S.M.E., 1962, University of Rhode Island, Kingston, RI

Salary Administration, 1997, FM , Norwood, MA

SPIN Selling, 1991, ADL, Cambridge, MA
Stress Management, 1991, ADL, Cambridge, MA
Total Quality Management, 1990, ADL, Cambridge, MA
Public Communications, 1989, ADL, Cambridge, MA
Strategic Planning, 1982, ADL, Cambridge, MA
Equal Opportunity/Affirmative Action, 1980, FM, Norwood, MA
People Problems, 1979, FM, Norwood, MA
Management for R&D Supervisors, 1978, AMA, New York, NY
Engineer Officer Basic Course, 1965, Fort Belvoir, VA

Publications

Editor/contributor to four books
Author/co-author of approximately 100 technical papers and reports
Technical consultant for three educational films/videos
Approximately 15 book and paper reviews

Professional/Honorary Societies

Fellow, The American Society of Mechanical Engineers
Member, The American Institute of Chemical Engineers
Member, The National Fire Protection Association
Phi Kappa Phi, Tau Beta Pi, Sigma Xi