

Curriculum Vitae of C. L. MAGEE

Name/Title: Christopher L. Magee
Professor of the Practice, Engineering Systems
Co-Director, International Design Centre, Singapore University of Technology & Design

Office Address: Massachusetts Institute of Technology
77 Massachusetts Avenue, Building E38-450
Cambridge, Massachusetts 02139-4307
Phone 617-252-1077
Fax 617-258-0485
Email cmagee@mit.edu
<http://cmagee.mit.edu>

Birth Date: July 19, 1940
Birth Place: Pittsburgh, Pennsylvania

Education: B.S., 1963
M.S., Ph.D., 1966, Metallurgy & Materials Science
Carnegie Institute of Technology (now Carnegie Mellon University, Pittsburgh, Pa.)

M.B.A., 1979, Advanced Management Program
Michigan State University

Employment: MIT, Professor and center Director, Jan. 2002- present
Ford Motor Company, 1966-2001
Executive Director, Ford/MIT Strategic Technical Partnership 2000-2001
Executive Director, Program & Advanced Engineering, 1998-1999
Director, Vehicle Systems Engineering, 1993-1998
Director, Advanced Vehicle engineering, 1987-1993
Director, Vehicle Concepts Research lab, 1984-1987
Manager, Materials Science Department, 1976-1981

Affiliations: National Academy of Engineers
SAE Board Member
Editorial Board of International Journal of Vehicle Design
NRC Advisory Board on Automotive Materials
Carnegie Mellon University Engineering Advisory Council
INCOSE
Editor of the International Journal of Product Development

Professional Associations/Society Membership:
AIME, SAE, TMS, ASM Fellow, ASBE, NAE

Awards and Honors: J. Martore award for outstanding contribution to education within the Engineering Systems
Division at MIT, 2005
ASM William Hunt Eisenham Award, 2001
Member, National Academy of Engineering, 1997
Ford Technical Fellow, 1996
M. Curie-Sklodowska Scholar, 1980
Business honor society Beta Gamma, 1979
Advanced Management Program, Leadership, 1979
Henry Marion Howe Medal, 1972
Alfred Nobel Award, 1972
ΦΚΦ, TBII, Engineering and research Honor Societies, 1962 and 1965

Recent Keynote/Plenary Lectures:
INCOSE Symposium on Complex System Classification, 2004
Engineering Education, Harvery Mudd College, 2003
Research on Engineering Systems, University of Illinois, 2003
Complex Engineering Systems, MIT, 2002
Global Engineering Development of Automotive Systems, Istanbul, Turkey, 2000

International Iron & Steel Institute Lecture on Automotive Weight Reduction, October, 1999
Aluminum Association, Inc. Lecture on Automotive Weight Reduction, October, 1999
University of Michigan Automotive Symposium, 1997
University of Illinois, Computers in Design, 1996, SAE
Global Technology, 1996

Expertise:

Areas of expertise include vehicle design, systems engineering, application of computer-aided engineering and computer-aided design. The application of materials, vehicle crashworthiness, manufacturing product interface and all aspects of the product development process are also areas of significant personal experience and knowledge. More recent work in complex systems and engineering education are becoming an area of expertise.