



Idelchik, M.
GE Global, Advanced
Technology, USA

Michael Idelchik is vice president of Advanced Technology for GE Global Research, the centralized research and development organization of General Electric. At Global Research, some 2,500 people - including approximately 1,900 scientists, engineers and technicians from virtually every major scientific and engineering discipline - concentrate their efforts on the company's long-range technology needs. The organization has research facilities in the United States, India, China and Germany, working in collaboration with GE businesses around the world.

In his role as vice president of Advanced Technology, which he undertook in 2004, Michael oversees the company's longest range, highest impact research endeavors. With major programs in nanotechnology, energy conversion, molecular imaging and diagnostics, advanced propulsion, organic electronics and sustainable energy, the Advanced Technology office represents the most significant investments in emerging technologies.

Prior to assuming this role, Michael served as the managing director of GE's China Technology Center, since its inception in 2002. In this role, he founded and built GE's first integrated technology center in China.

Michael first joined GE as an engineer at Aircraft Engines in 1978. He progressed through a number of engineering positions with increasing responsibilities and in 1991 Michael was a recipient of the Aircraft Engines 'Engineer of the Year' award.

In 1994 Michael joined GE Medical Systems as a Global X-ray Tube Engineering Manager. In 1998 Michael was named General Manager Global Components Engineering at GEMS, where he led the successful introduction of a LightSpeed Detector for the world's first multi slice CT scanner and delivery of the first 41 cm digital X-ray Detectors for clinical evaluations.

Michael was named GE Vice President and General Manager of Global Technology for GE Lighting in 1999. There he led the revitalization of the product portfolio with customer-focused innovation and Six Sigma quality. Michael also led GE lighting entry into Technical Lighting markets with Video Projection, Light Emitting Diodes, and Electronics /Ballast products.

Michael received a B.S. degree in Mechanical Engineering from Columbia University and the Masters degree from the Massachusetts Institute of Technology. Michael holds 12 patents.