November 22
11:00AM-12:00PM
ISOM ROOM 206

UMass Amherst INFORMS Student Chapter and Faculty Advisor, Prof. Anna Nagurney Present,

Q&A: Meet the Master Inventor and Research Scientist

Dr. Mary E. Helander

Biography:

Dr. Mary E. Helander is a Master Inventor and Math Scientist with the Business Analytics and Mathematical Sciences Department at IBM’s T.J. Watson Research Center, Yorktown Heights, NY.

Dr. Helander has more than 25 years of combined industry and academic experience in Applied Operations Research. Her projects span from optimal network and transportation planning, software engineering and supply chain management to quantitative risk management in food safety.

Prior to IBM, Dr. Helander was the Director of the Applied Software Engineering Lab at Linköping University in Sweden, where she was a faculty member of the Computer and Information Science Department and a Research Fellow with the Department of Mechanical Engineering/Quality Technology Group.

Dr. Helander earned a B.A. in CIS and Mathematics from the State University of New York at Potsdam, an M.S. in IE/OR from Syracuse University, a Ph.D. in Industrial Engineering/Operations Research from the University at Buffalo, and a Docent in Quality Technology and Software Engineering from Linköping University.

The Q&A is intended to provide an open platform for faculty, students, and researchers working in the areas of Operations Research and Management Sciences. This is an opportunity for the audience to learn about the initiatives Dr Helander has been involved in at IBM. Given her extensive and profound experience, she will be in a position to provide insights into various critical issues concerning network and transport planning, supply chain management, and risk management in food safety.

Being a perfect blend of industry and academics, she will also be able to guide the students and researchers regarding their future career choices and prospects.