

# BOSTON INFORMS CHAPTER MEETING

Date: Tuesday, November 23, 2010

Time: 6:30 pm to 8:30 pm

Location: Emptoris Inc. 200 Wheeler Road Burlington, MA 01803  
(<http://www.emptoris.com>)

Speaker: Professor Anna Nagurney (UMASS, Amherst)

Title: Supply Chain Networks: Challenges and Opportunities from Analysis to Design

Supply chain networks provide the backbones for our economies since they involve the production, storage, and distribution of products as varied as vaccines and medicines, food, high tech products, automobiles, and even energy. Many of the supply chains today are global in nature and present challenging aspects for modeling and analysis. In this talk I will discuss different perspectives for supply chain modeling, analysis, and computation based on centralized vs. decentralized decision-making behavior, along with suitable methodological frameworks. I will also highlight applications of our research to empirical electric power supply chains, to mergers and acquisitions, and even to humanitarian logistics. Such timely issues as risk management, demand uncertainty, outsourcing, and disruption management in the context of our recent research on supply chain network design and redesign will also be discussed. Suggestions for new directions and opportunities in healthcare and sustainable supply chain networks will conclude this talk.

Bio: Anna Nagurney is the John F. Smith Memorial Professor at the University of Massachusetts Amherst. She is also the Founding Director of the Virtual Center for Supernetworks and the Supernetworks Laboratory for Computation and Visualization. Her research focus is the applied and theoretical aspects of network systems. She has authored or co-authored 10 books, authored or co-authored more than 140 refereed journal articles and numerous book chapters, served on 13 editorial boards and has chaired 15 doctoral dissertations. She has given plenary and invited talks in Austria, Ukraine, Switzerland, China, Sweden, Italy, Canada, New Zealand, and the US.

She is the Faculty Advisor to the UMass Amherst INFORMS Student Chapter and its associated Lecture Series and is a member of the Program Committee for the upcoming Northeast Regional INFORMS meeting in May, 2010.

For more information contact Les Servi ([lservi@mitre.org](mailto:lservi@mitre.org))

Directions:

From the North: Take I-95/Rt-128 South to the US-3 North/Middlesex Tpk exit, exit number 32B/A, towards Lowell. Take the first exit ramp onto Middlesex Turnpike. Take a left at the light onto Middlesex Turnpike. Take a right at the first light onto Wheeler Road. Emptoris is located at 200 Wheeler Road at the top of the hill (the Siemens Building) on the second floor.

From the South: Take I-95/Rt-128 North to exit 32B/32A towards Lowell. Go past the exit ramp for Lowell and take the next exit ramp onto Middlesex Turnpike. At the light, go straight across Middlesex Turnpike onto Wheeler Road. Emptoris is located at 200 Wheeler Road at the top of the hill (the Siemens Building) on the second floor.