Professional Science Master's Opportunities in Data Sciences

NPSMA Workshop
May 28-29, 2013
Hosted by Worcester Polytechnic Institute
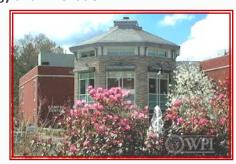## WPI Campus Center, Worcester, Massachusetts

Speakers include: Michael Brodie, Verizon Communications; Diego Klabjan, Northwestern University; Aric LaBarr, North Carolina State University; Patricia Florisi, EMC; Raffaella Settimi, DePaul University; Michael Rappa, Institute for Advanced Analytics; Vasant Honavar, National Science Foundation, Lilian Wu, IBM Technology Strategy and Innovation.

Register at www.npsma.org

Deadlines:
Registration: May 10
Hotel: May 5

Data scientists are in high demand, and this demand will only grow in the 21st century. A wide range of companies, from small start-ups to large corporations, in all economic sectors, look for professionals who can make discoveries in the world of big data analytics. While there are a few programs who train data scientists, there are many more being currently developed.

This workshop intends to address the major questions related to identifying the skills professionals need to structure and analyze large quantities of data. The three Vs of big data — volume, velocity, and variety will be explored. The workshop will bring together employers from business industry and government, faculty from existing programs, and representatives of funding agencies to discuss:

- workforce needs for professionals trained in data science
- training professionals in data sciences: necessary skills and possible pathways
- case studies of existing master's programs in data sciences
- challenges and opportunities in developing new programs
- internship and project opportunities for students
- resources for new programs