CONTINUING EDUCATION FOR ENGINEERS AND PROFESSIONALS

INTRODUCTION TO PYTHON PROGRAMMING

Date: November 6, 2018
Time: 9 AM - 4 PM (Registration/coffee at 8:45 AM, Lunch 12 - 1 PM
Location: Innovative Technologies Complex (ITC), Binghamton University
85 Murray Hill Road, Vestal, NY 13850

ABOUT THE INSTRUCTOR

Hiroki Sayama is a Professor in the Department of Systems Science and Industrial Engineering. His research interests include complex dynamical networks, collective behaviors, social systems modeling, artificial life/chemistry, mathematical biology, computer and information sciences.

ABOUT THE COURSE

This course introduces computer programming in Python for those who have little or no prior computer programming experience. The course will be heavily based on hands-on exercises, so participants are strongly encouraged to bring their own laptops.

The following topics will be covered:

1) Software installation and language basics,
2) Variables and data structures (strings, lists, matrices, dictionaries),
3) Flow control and function definition,
4) Plotting and visualization,
5) Using modules,
6) Object-oriented programming

COURSE FEE

$300 Standard Rate (Industry), $250 NYSSPE members, $200 BU faculty/staff/alumni, $50 Students

To register: https://www.binghamton.edu/watson/continuing-education/data-science/python/index.html
Contact us @ wtsnindy@binghamton.edu or 607-777-6241