Recent years have seen the emergence of several static analysis techniques for reasoning about programs. This talk presents several major classes of techniques and tools that implement these techniques. Part of the presentation will be a demonstration of the tools.

Dr. Subash Shankar is an Associate Professor in the Computer Science department at Hunter College, CUNY. Prior to joining CUNY, he received a PhD from the University of Minnesota and was a postdoctoral fellow in the model checking group at Carnegie Mellon University. Dr. Shankar also has over 10 years of industrial experience, mostly in the areas of formal methods and tools for analyzing hardware and software systems.

Light refreshments will be served.

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