Abstract:
GT Watson+ is a set of cognitive systems designed, developed and deployed at Georgia Tech on top of IBM’s Watson cognitive system. It includes cognitive systems for question answering in support of biologically inspired design, ecological modeling, and education and training in artificial intelligence. GT Watson+ adds layers of semantic and contextual processing to Watson and explores the use of external data sources. For example, in the project on ecological modeling, it exploits Smithsonian Institution’s Encyclopedia of Life, the world’s largest database of biological species. In this talk, I will describe several experiments with GT Watson+ including Jill.

Bio:
Ashok Goel is a Professor of Computer Science in the School of Interactive Computing at Georgia Institute of Technology. He is the Director of the School’s Design & Intelligence Laboratory and Ph.D. Program in Human-Centered Computing. Ashok is also an Associate Editor of AAAI’s AI Magazine, IEEE’s Intelligent Systems, and Design Research Society’s Design Science Journal.

Acknowledgements:
Watson is IBM’s cognitive system for question answering (http://www.ibm.com/smarterplanet/us/en/ibmwatson/). Encyclopedia of Life is Smithsonian Institution’s database of biological species and other biodiversity information (www.eol.org). This research is supported by Georgia Tech’s IDEAS and GT-Fire pilot grants and IBM Faculty Awards.

Friday, February 19, 2016 @ 2:30 pm   McAdams Hall, Room 119

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