Collaboration • Innovation • Discovery

Mark Guzdial
Meeting Everyone's Need for Computing
Professor, School of Interactive Computing, Georgia Institute of Technology
Dr. Guzdial’s research focuses on learning sciences and technology, specifically, computing education research. He has published several books on the use of media as a context for learning computing. He was the original developer of the "Swiki" – the first wiki designed for educational use.

Maja Matarić
Robots Among Us?: Socially Assistive Human-Robot Interaction
Professor, Computer Science and Neuroscience, University of Southern California
Dr. Matarić's lab focuses on endowing robots with the ability to help people through social rather than physical assistance. Her research into socially assistive robotics and assistive human-robot interaction is developing robot-assisted therapies for children with autism spectrum disorders, stroke, survivors, and those with forms of dementia.

Richard Ladner
Designing and Building Technology to Empower People
Boeing Professor in Computer Science and Engineering, Adjunct Professor in the Department of Linguistics and Electrical Engineering, University of Washington
Following many years of research in theoretical computer science, Dr. Ladner works on accessibility technology research, especially technology for deaf, deaf-blind, hard-of-hearing, and blind people.

Mor Harchol-Balter
Analytical Modeling of Data Centers to Optimize Performance and Power
Associate Professor and Associate Department Head, Computer Science Department, Carnegie Mellon University
Prof. Harchol-Balter's work focuses on designing new resource allocation policies (load balancing policies, power management policies, and scheduling policies) for server farms and distributed systems, spanning both queueing analysis and systems implementation.

Nicholas A. Christakis
Social Networks Offline
Professor, Department of Medicine, Health Care Policy, and Sociology, Harvard University, Master of Pforzheimer House, Harvard College
Dr. Christakis is an internist and social scientist who conducts research on social factors (such as small and large social networks) that affect health, health care, and longevity. He is the co-author of Connected: The Surprising Power of Our Social Networks and How They Shape Our Lives.

Josh Tenenbaum
Computational Models of Common-Sense Theories: What People Know About the World, and How They Know It
Associate Professor of Cognitive Science and Computation, Department of Brain and Cognitive Sciences, MIT.
Dr. Tenenbaum studies learning and inference in humans and machines, with the twin goals of understanding human intelligence in computational terms and bringing computers closer to human capacities.