

Research

Shaping the New Human-Technology Frontier

November 15 | 4:00-6:00 PM

Introductions:

Gloria Waters

Barbara Shinn-Cunningham

Vice President and Associate Provost for Research

Professor, Biomedical Engineering

Director, Center for Research in Sensory Communications & Emerging Neural Technology (CRESCENT)

Research Presentations:

- **The Next Frontier in Post-Stroke Language Rehabilitation: Personalized Remote Rehabilitation**
Swathi Kiran, Professor, Speech, Language & Hearing Sciences, SAR
- **Dynamic Adjustment of Physical Exercises Based on Performance Using the Proficio Robotic Arm**
Margrit Betke, Professor, Computer Science, CAS
- **A Bionic Pancreas for Automated Diabetes Management**
Edward Damiano, Professor, Biomedical Engineering, ENG
- **Reusing Clinical Data to Evaluate and Improve the Health of Populations**
Chris Shanahan, Assistant Professor, Medicine, MED
- **Hearing Technologies of the Future**
Barbara Shinn-Cunningham, Professor, Biomedical Engineering, ENG
- **Why Encryption Matters**
Sharon Goldberg, Associate Professor, Computer Science, CAS
- **Cybersecurity and How it Affects All of Us**
Manuel Egele, Assistant Professor, Electrical & Computer Engineering, ENG
- **How Things Spread in Online Social Networks**
Dylan Walker, Assistant Professor, Information Systems, Questrom School of Business
- **Flexible Machine Learning Algorithms for Large-Scale Data Analysis**
Brian Kulis, Assistant Professor, Electrical & Computer Engineering, ENG
- **Formal Human-Robot Interaction**
Calin Belta, Professor, Mechanical Engineering, ENG

Thank you for your participation



Boston University Vice President and Associate Provost for Research
One Silber Way, 8th Floor, Boston, MA 02215
617-353-2230 / research@bu.edu