

# First International Symposium on Quality of Life Technology

## Intelligent Systems for Better Living

June 30-July 1, 2009

The University Club  
Pittsburgh, Pennsylvania USA



Ways to support people's ability to live independently are increasingly demanded throughout the world as demographics shift to an older society and the prevalence of disability increases.

Creating and focusing technology to address quality of life concerns is a timely challenge for scientists, engineers, clinicians and society as a whole. In this symposium, key opinion leaders in Quality of Life Technology will present their most recent concepts and results and engage in open discussion.

The symposium will showcase emerging technologies, their motivations and applications from around the world. Through over two dozen peer-reviewed talks and a poster session, presenters will discuss their latest research and findings.

### Who Should Attend?

- Scientists & engineers in research and industry
- Clinicians in healthcare and research
- Professional care providers
- Students

### General Chair

**Cliff Brubaker** - Dean, School of Health and Rehabilitation Sciences, University of Pittsburgh

### Program Chairs

**Rory Cooper** - Distinguished Professor, Department of Rehabilitation Science and Technology, School of Health and Rehabilitation Sciences, Univ. of Pittsburgh  
**Asim Smailagic** - Research Professor, Institute for Complex Engineered Systems, Carnegie Mellon University

### Topics Covered

- Assistive Robotics
- Human Awareness Technology
- Safe Driving Technology
- Human Activity Modeling
- Mobility Aids
- Human-System Interaction
- Best Practices in Aging and Disability Services
- Privacy Issues

### Keynote Speakers

**Henrik Christensen** - KUKA Chair of Robotics and Director of the Center for Robotics and Intelligent Machines  
*Georgia Institute of Technology*

**Rory Cooper** - FISA & Paralyzed Veterans of America Chair and Distinguished Professor of Rehabilitation Science and Technology  
*University of Pittsburgh*

**Margaret Giannini** - Former Director of the Office on Disability  
*US Dept. of Health and Human Services*

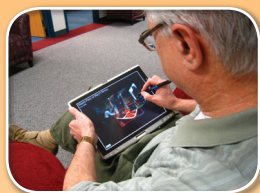
**Alan Jette** - Professor and Director of the Health & Disability Research Institute  
*Boston University*

**Takeo Kanade** - UA and Helen Whitaker Professor of Computer Science and Robotics  
*Carnegie Mellon University*

**Alex Pentland** - Professor and Director of the Digital Life Consortium  
*Massachusetts Institute of Technology*

**Neil Resnick** - Thomas Detre Chair in Geriatric Medicine & Chief of the Div. of Geriatrics  
*University of Pittsburgh Medical Center*

**Isao Shimoyama** - Professor, Graduate School of Information Technology  
*University of Tokyo*



### To Register or Submit Posters [www.qoltconf2009.pitt.edu](http://www.qoltconf2009.pitt.edu)

Before May 30, 2009:

Full registration \$300; Students \$200

May 30 or later:

Full registration \$330; Students \$220  
(registration includes all meals)



### Quality of Life Technology Center

The symposium is being organized by the Quality of Life Technology Center, a National Science Foundation Engineering Research Center operated jointly by:

**Carnegie Mellon** University of Pittsburgh