

# Division of Measurement Technical Committee on Networked Sensing Systems

Networked Sensing: Consistent Mapping of the Real World to Information Space

## Goal

Our goal is to systematically describe elemental technologies for networked sensing systems. The description will include the technologies of signal processing, sensing, wireless networking, system designing, and MEMS.

## Background

Advance in the technologies allows greater flexibility in designing networked sensing systems. Practically using sensor networks, we are potentially capable of innovating various existing systems. Though, we do not have systematic means for utilizing sensor networks.

## Activity

We make a cross-disciplinary survey of the technologies for networked sensing, and activate the exchange of corresponding researchers. We hold the following sessions, forums, and conferences.

### -International Conference on Networked Sensing Systems

-Past venues: Tokyo (1st, 2004), San Diego (2nd, 2005), Chicago (3rd, 2006), Braunschweig (4th, 2007), Kanazawa (5th, 2008), Pittsburgh (6th, 2009)



### -Organized sessions in SICE Annual Conference (2004-2008)

### -Seminars in Sensor EXPO Japan (2004-2009)

### -Workshops on networked sensing

ICCAS-SICE 2009

## Members

Chairperson: Satoshi Honda (Keio Univ)

Members: Y. Tobe, H. Hontani, S. Ando, H. Iwaoka, Y. Amari, T. Ishida, N. Kurata, T. Sakamaki, H. Sasaki, Y. Sato, I. Shimoyama, T. Takeda, Y. Tamura, R. Tei, M. Tohara, A. Torao, S. Naito, M. Baba, Y. Bando, Y. Matsumoto, A. Mita, and M. Minami

