

STAS2010 Call for Paper

The 2nd International Workshop on Senior Technology for Aging Society

<http://home.hknu.ac.kr/stas2010>

August 11 ~ 13, 2010, Cebu, Philippines

Submission Deadline **April 7, 2010** (In Conjunction with ITCS 2010, <http://www.ftra.org/itcs2010/>)

Scope

Today, approximately 10 percent of the world's population is over the age of 60; by 2050 this proportion will have more than doubled. Advances in technology are bringing about remarkable improvement in the quality of life for older people, especially those with disabilities, while emerging technological advances enhance the possibility of aging-in-place, easing caregiver responsibility, and assisting older adults to communicate with the demands of daily life. We are naming the technology for older people '**Senior Technology(ST)**' briefly. Manufacturers everywhere are taking steps to research the needs of this population so that they can transform those needs into products to better accommodate their physical changes experienced by older people.

STAS2010 workshop provides a chance to explore new and exciting technologies being developed to help support our aging population and brings together the researchers from academia and industry to share ideas, problems and solutions relating to the technologies for older people.

Topics

ST basics, signal processing and design

- Assistive Technologies
- Rehabilitation Technology
- Database and Services in ST
- Human Computer Interaction in ST
- Sensor Network in ST
- Low Power signal processing issues
- Audio and Video Signal Processing in ST
- voice recognition and synthesis technology in ST
- image recognition and synthesis technology in ST
- Sensor based Control Theory
- Biosensors
- Case studies, prototypes and experiences in ST

ST application

- Senior Technology applications and services
- Access control and privacy protection in ST
- Intelligent Homes and Systems in ST
- Technology for Prevention wandering of older people
- Assistive Robot in ST
- RFID technologies in ST
- healthcare IT technologies in ST
- Monitoring and Inspection System in ST

ST Embedded Hardware and Software

- Embedded Technology Issues in ST
- Embedded System Architecture in ST
- Wearable Electronics
- Smart and Personal Devices in ST
- Middleware in ST

Important dates

Submission of Papers : April 7, 2010 (final extension)

Notification of acceptance : April 15, 2010

Submission of the camera ready: April 30, 2010

Conference Dates : August 11 ~ 13 , 2010

Paper Submission

Authors should submit paper with about 4 pages (short paper), 6 pages (regular paper) or 8 pages (full paper: 2 pages extra charge). Submissions must not exceed 8 pages including tables, references and figures, with MS-word or PDF. Submission of a paper implies that should the paper be accepted, at least one of the authors will register and present the paper at the workshop. Please use the IEEE Conference Proceedings format (US letter size, available for download here: [IEEE Manuscript Templates for Conference Proceedings](#)) for submission. (Please refer to only MS-word form)

Submission system: Send a paper to kimsh@hknu.ac.kr or

Submit to <http://www.editorialsystem.net/STAS2010/>

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Contact

For further information regarding the workshop and paper submission, please contact at kimsh@hknu.ac.kr