

2009 International Symposium on Digital Life Technologies (ISDLT): Human-Centric Smart Living Technology

May 28-29, 2009

Preliminary Call for Papers

National Cheng Kung University
Tainan, Taiwan

In a fast growing digital world, the circuits and systems for multimedia services, sensing devices and networking, intelligent detection and tracking, and computerized home appliances have become inevitable and exciting trends for improvement of human life. However, without the consideration of human factors and nature interactions, the high-tech daily life will be featured with significant amount of un-integrated equipment, each with their separate remote controllers. Hence, to effectively and intelligently integrate a human-centric smart home, which figures with the tightly coupled multimedia services and creative living products such that we could produce a totally innovated high quality and distinctive experience living style, which links media, technologies, humanity, virtual reality, and physical intelligent products together to become an integrated intelligent living space demonstrates the main scope of the Symposium. The Symposium, with the theme of Human-Centric Smart Living Technology, will include oral presentations, posters, and invited speeches by experts from multiple disciplines. Prospective authors are invited to submit papers on the following topics but not limited to:

Honorary Co-Chairs :

Yau-Hwang Kuo, Natl. Cheng Kung Univ., Taiwan
Chih-Sheng Ke, Institute for Information Industry

General Co-Chairs :

Che-Ming Chiang, Natl. Cheng Kung Univ., Taiwan
Ce-Kuen Shieh, Natl. Cheng Kung Univ., Taiwan
Ardeshir Mahdavi, Vienna University of Technology, Austria

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Tay-Sheng Jeng, Natl. Cheng Kung Univ., Taiwan
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Tutorials Co-Chairs:

Vincent Shin-Mu Tseng, Natl. Cheng Kung Univ., Taiwan
Chien-Hsu Chen, Natl. Cheng Kung Univ., Taiwan

Special Sessions Co-chairs

Ming-Der Shieh, Natl. Cheng Kung Univ., Taiwan
Kuo-Sheng Cheng, Kun Shan University, Taiwan
Ching-Hsing Luo, Natl. Cheng Kung Univ., Taiwan

Publicity Co-Chairs:

Ellen Do, Georgia Institute of Technology, USA
Chung-Hsien Wu, Natl. Cheng Kung Univ., Taiwan

Publication Co-Chairs :

Chung-Ming Huang, Natl. Cheng Kung Univ., Taiwan
Chung-Ho Chen, Natl. Cheng Kung Univ., Taiwan

Local Arrangement Co-Chairs:

Yung-Nien Sun, Natl. Cheng Kung Univ., Taiwan
Gwo-Giun Lee, Natl. Cheng Kung Univ., Taiwan

Advisory Committee:

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Amara Amara, ISEP, France
Sergios Theodoridis, University of Patras, Greece
Franco Maloberti, University of Pavia, Italy

- Ambient Intelligence and Context Awareness
- Sensor and Perception Technologies
- Multimedia Processing and Recognition
- VLSI Systems and Applications
- Affective and Cognitive Computing
- Intelligent Server and Agent Technologies
- Home Networks and Appliances
- Human-Computer Interaction Technologies
- Ubiquitous Computing and Wireless Networks
- Security and Safety, Mobility Management
- Biomedical Circuits and Systems
- Healthcare Medical and Life Sciences,
- Infotainment, Art, and Education
- Environmental Control and Building Performance,
- Smart Space and Healthy Buildings
- Smart Product and Digital Design Media
- Virtual and Augmented Reality Design
- Cognition, Humanity, and Emotion Design
- Usability Test, Cultural Probe, and Future Life

Authors are invited to submit 4-page electronic Full Papers according to posted guidelines in the Web at:

<http://credit.csie.ncku.edu.tw/2009/main.htm>

Deadline for Submission of Full Papers: February 15, 2009
Notification of Paper Acceptance: March 15, 2009

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