

Call for Papers

ISWC 2007, the eleventh annual IEEE International Symposium on Wearable Computers, will bring together researchers, product vendors, fashion designers, textile manufacturers, users, and all other interested parties to share information and advances in wearable computing. We invite you to attend ISWC 2007 and submit to one or more of the following categories: papers, posters, demonstrations, tutorials, and exhibits.

Potential wearable computing topics for ISWC include, but are not limited to:

- Applications of wearable systems in consumer, industrial, medical, wellness, educational, and military domains.
- Use of wearable computers as components of larger systems, such as augmented reality systems, training systems or systems designed - to support collaborative work.
- Hardware, including wearable system design, input devices, wearable displays, batteries, techniques for power management and heat dissipation, industrial design, and manufacturing issues.
- Software architectures, including ones that allow wearable computers to exploit surrounding infrastructure.
- Human interfaces, including hands-free approaches, speech-based interaction, sensory augmentation, human-centered robotics, user modeling, user evaluation, health issues and interfaces for combining wearable and ubiquitous computing.
- Networks, including wireless networks, on-body networks, and support for interaction with other wearables, ubiquitous-computing systems or the Internet.
- Formal evaluation of wearable computer technologies for example performance of wearable computer technologies or comparisons of existing technologies.
- Wearable sensors or networks of sensors for context-awareness or sensing cognitive state.
- Wearable communities and wearable technology for social-network computation, visualization and augmentation.
- Operating systems issues related to wearable computing, including such issues as scheduling, security, and power management.
- Social implications and privacy issues.
- Wearable computing for elder enablement and for people with disabilities.
- Fashion design, smart clothes, and electronic textiles.

Important dates:

Abstract submission Apr 22 • Paper submission Apr 26 • Acceptance Jun 26 • Camera-ready due Jul 24