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**The Eighth International Conference on Ambient Computing,  
Applications, Services and Technologies**

**AMBIENT 2018**

**November 18 - 22, 2018 -Athens, Greece**

<http://www.aria.org/conferences2018/AMBIENT18.html>

**Important deadlines:**

Submission (full paper)	June 30, 2018
Notification	September 1, 2018
Registration	September 15, 2018
Camera ready	September 25, 2018

**Tracks:**

**Track 1: Ambient computing environments, sensors and hardware**

Fundamental for ambient computing and mechanisms; Environmental sensing and computing; Distributed ambient and artificial intelligence; Autonomic ambient networks and communications; Smart environments and applications; Ubiquitous and mobile computing

**Track 2: Ambient computing and modeling**

Sentient Computing; Tracking and sensing networks; Location-based computing; Ambient context modeling and reasoning; Context-aware computing; Local and global sensing; Multi-sensory and multi-modal fusion; Citizen-oriented urban computing

**Track 3: Ambient devices, applications and systems**

Ambient media and devices; Ambient content and methods for adding intelligence to media objects; Sentient offices; Smart phones; Glasses and filters for ambient game and movie; Social networks and social computing; Semantic-location; Body sensors; Wearable devices; Smart sensors; Smart technologies (smart home, smart metering, smart grids, smart sensors, smart home appliances, etc.)

**Track 4: Ambient services, technology and platforms**

Personalized services; Ambient assisted living (AAL) ; Social games; Domotics (Home Automation) ; Domestic robotics; Intelligent homes; Tele-care and Telemedicine; Mobile media; Mobile learning; Emergency services; Ambient-oriented technologies (wireless, social networks) ; Universal access; Ambient platforms; Ambient and mobile social networks

**Track 5: User Friendly Interfaces**

Haptic interfaces; Smart user interfaces; Ambient interfaces (touch, gesture, haptics, biometrics) ; Multimodal interfaces and interaction

**Track 6: Ambient Business Models, Privacy and Trust**

Business model and business cases, security, privacy and trust, Real-life implementations