



**IEEE Consumer Communications & Networking Conference (CCNC)  
Held in conjunction with the International Consumer Electronics Show,  
Las Vegas, NV, USA  
January 09-12, 2016**

**Call for Papers for Special Session on *Indoor Positioning Systems:  
from research prototype to real-world deployment***

**Scope and Motivation:**

The Indoor Positioning System (IPS) has attracted much attention in recent years. Although a large number of IPS systems have been proposed by both academia and industry, a large-scale deployment of such IPS solutions is not available yet. This special session calls for recent research, practical experiences, and development lessons of IPS, with a focus to address the gap of IPS between research prototypes and real-world deployments.

**Main Topics of Interest:**

The IPS special session seeks original contributions in the following topical areas, plus others that are not explicitly listed but are closely related:

- Deployment Challenges of IPS solutions based on radio waves
- Deployment Challenges of IPS solutions based on magnetic fields
- Deployment Challenges of IPS solutions based on acoustic signals
- Deployment Challenges of IPS solutions based on other sensory information
- Measurement of real-world IPS deployment
- Performance analysis of IPS solutions in different indoor environments
- Real-world IPS applications

**Track Chairs:**

Ling-Jyh Chen, Academia Sinica, Taiwan (celljj@iis.sinica.edu.tw)

Wei-Shinn Ku, Auburn University, USA (weishinn@auburn.edu)