



# EMBC'17 Workshop

## IEEE STANDARDIZATION DEVELOPMENT FOR CUFFLESS AND CONTINUOUS BLOOD PRESSURE MONITORING

July 11, 2017  
13:30 - 17:30, Min Room

### Purpose

This workshop aims to provide biomedical engineers with an overview of the recently published IEEE 1708-2014 (Standard For Wearable Cuffless Blood Pressure Measuring Devices), with the discussion on further extension and refinement. This workshop will also attempt to introduce standard to evaluate the performance of continuous blood pressure monitoring systems.

### Organizer

Chair: **Carole C. Carey**, IEEE EMB Standards Committee Chair, C3-Carey Consultants, LLC

Co-Chair: **Xiao-Rong Ding**, The Chinese University of Hong Kong

### Invited Talks

**Medical Device Consensus Standards Matter: a Regulatory Tool to Timelier Approval**

**Carole C. Carey**, IEEE EMB Standards Committee Chair, C3-Carey Consultants, LLC

**IEEE 1708 Standard and Continuous Measurement of Blood Pressure**

**Yuan-Ting Zhang**, Editor-in-Chief for IEEE Reviews in Biomedical Engineering

**Unobtrusive Platform for Cuffless Blood Pressure Measurements**

**Kwang Suk Park**, Seoul National University

**Development of a Chair-based Cuffless Blood Pressure and a Work for Standardization**

**Toshiyo Tamura**, Osaka Electro-Communication University

**Implications of Pressure Dependency of Vascular Function in Cuffless and Continuous Monitoring of Blood Pressure**

**Alberto Avolio**, Macquarie University

For further information please scan the QR code, and for online registration please visit: <https://embc.embs.org/2017/>

