

PHMAP23 Organised session Proposal form

Session organiser (Affiliation):

Ken Ueno (Toshiba R&D), Hidetoshi Mishima (Mitsubishi Electric)

Session title:

PHM Applications for Urban Infrastructure Resilience and Maintenance

Theme and objective:

In near future various kinds of facilities on urban infrastructure may deteriorate and need to monitor and maintenance so often. To detect deterioration in early stage we need new idea for PHM for Urban Infrastructure Resilience and Maintenance. In this organized session we discuss future monitoring methodology to gather ideas on several applications of infrastructure diagnosis.

Field:

Monitoring, Diagnosis, Anomaly Detection for Transportation, Water Systems, Building Facilities, Power Transmission and Distribution, etc.

Tentative list of presenters (4 presenters per block):

Osamu Yamanaka (Toshiba Infrastructure Systems & Solutions)

Ken Ueno (Toshiba R&D)

Tomoyuki Iwawaki (Mitsubishi Electric)

Hiroshi Inoue (Mitsubishi Electric)