

PHMAP23 Organised session Proposal form

Session organiser (Affiliation):

Tomomi Honda(Fukui University), Osamu Yoshimatsu(NSK)

Session title:

Advances in PHM for Tribology

Theme and objective:

Most machine failures are caused by tribological phenomena such as lubrication, friction, and wear of the machine elements that make up the machine. Therefore, it is essential to monitor, diagnose, predict, and maintain the lubrication, friction, and wear of machine elements as a diagnostic method for the future. However, its application is still limited. Therefore, this organized session will discuss recent PHM efforts in tribology.

Field:

Tribology

Tentative list of presenters (4 presenters per block):

Tomomi Honda(Fukui University)

Osamu Yoshimatsu(NSK)

Kyoko Kojima(Hitachi)

Daisuke Kobayashi(NSK)