July 26, 2018

Dear

Guest Editors of the Special Issue of Acta IMEKO

Associate Editors, and Reviewers,

We would like to submit the paper “*A layered IoT-based architecture for distributed Structural Health Monitoring System*” for the publication in the MetroInd4.0&IoT Special Issue of ACTA IMEKO.

It extends the research:

*F. Lamonaca, P.F. Sciammarella, C. Scuro, D.L. Carnì, R.S. Olivito, “Synchronization of IoT layers for Structural Health Monitoring”, IEEE International Workshop on Metrology for Industry 4.0 and IoT, Brescia, Italy, 2018.*

Respect to the Proceedings this paper:

* has a new title: “*A layered IoT-based architecture for distributed Structural Health Monitoring System”,*
* is completely rewritten.
* contains all new figures.
* new functionalities of the Structural Health Monitoring system are introduced. In. particular these functionalities are related to the possibility to alert about possible dangers the competent authorities and to the other buildings within the neighborhood.
* A specific testbed is performed to characterize the proposed system.
* New experimental tests are developed to characterize the proposed system and in particular the delay introduced in the communication of the proposed system.

We declare no conflict of interests.

We look forward to hearing from you at your earliest convenience.

Best regards,

(Domenico Luca Carnì, in the name of all authors)