Dear Editor,

we are submitting an extended version of the paper entitled "Measurement Setup for the Development of Pre-Corroded Sensors for Metal Artwork Monitoring" presented at 2019 IMEKO TC4 METROARCHAEO.

The new title of the paper is "Laboratory Measurement System for Pre-Corroded Sensors Devoted to Metallic Artwork Monitoring".

The paper has been revisited and updated with new contents. In particular:

- The paper title has been changed
- Abstract, introduction and conclusions have been rewritten so as to better explain the paper context and take into account the new results
- A deeper analysis of the measurement uncertainty has been added. The measurement instrument and process have been considered for the definition of the measurement uncertainty on the evaluation of the metal corrosion.
- New experimental results have been added and discussed.

Marco Faifer and co-authors