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**Cover Letter**

Torino, 12th May 2020

Dear Prof. Dusan Agrez,

we wish to submit the article entitled *In-situ multi-analytical study of corrosion processes ongoing on bronze artworks exposed outdoor* for publication on Acta IMEKO.

The manuscript has been technically extended from the paper *A long-term corrosion investigation of bronze sculptures exposed outdoor* presented during 2019 IMEKO TC4 METROARCHAEO Conference. The new paper is completely changed with respect to one published in the conference proceedings; all sections and figures have been modified. Moreover, results coming from the new measurements campaign have been added; these include also new characterizations (such as X-rays Fluorescence), that improved the overall understanding of the investigated corrosion processes and allowed us to define an appropriate multi-analytical approach for this study.

Thank you for your consideration of this manuscript.

Sincerely,

*Leila Es Sebar*