2019 IMEKO TC4 MetroArchaeo – Extended version of conference paper

“Age determination and authentication of ceramics: advancements in the thermoluminescence dating laboratory in Torino (Italy)”

*L. Guidorzi et al.*

Major points of extension:

* additional details on α and β irradiation systems (sub-sections 2.2 and 2.3);
* a new sub-section (2.8) on the final age evaluation, that allows the readers to easily follow the calculations performed post-measurements;
* the comparison with radiocarbon dating results for the first case study (in sub-section 3.3);
* a whole new case study, introducing also a different issue that can be addressed in our laboratory: authentication (section 4);
* widely extended bibliography.