

General Terms and Conditions

The Ghent Luminescence Laboratory (GLL) of Ghent University performs luminescence age determinations for external parties using optically stimulated luminescence (OSL) signals from sand-sized quartz ($>63\mu\text{m}$, $<250\mu\text{m}$).

A single-aliquot regenerative-dose (SAR) protocol is used to measure the equivalent dose in 24 large multi-grain aliquots, and a dose recovery test is used to document the suitability of a standard set of measurement parameters. Low-level gamma-ray spectrometry of one sub-sample is used to obtain the dose rate.

The GLL makes every effort to provide accurate results but the submitter should be aware of the fact that for some samples only minimum (e.g. owing to signal saturation) or maximum ages (e.g. owing to partial bleaching) can be obtained.

Upon arrival in the laboratory, the samples become the property of the GLL. They may be returned when requested in advance and at the submitter's expense. Sample throughput is normally set at one year. The submitter should bear in mind that projects central to the GLL's research interests have to be given priority. The GLL cannot be held responsible for delays resulting from unforeseen events (such as equipment breakdown) or from academic obligations of the laboratory's staff members.

The dating results will be presented in the form of a table containing the analytical results and calculated ages. The submitter is entitled to use and reproduce the data quoted in the table in all his (her) formal and informal publications. When doing so, the GLL laboratory codes should be included and full acknowledgements given to the GLL. Specific information as to how the age results were obtained, can be obtained upon request; this information is intended for private use only and cannot be included by the submitter in any publication, neither partially nor completely, without the GLL's active contribution.

The dating service is provided at cost. For pricing and information, please contact Prof. Dr. De Grave and Dr. Vandenberghe (contact details below). It is recommended to get in touch with us prior to sample collection and submission. We are keen to discuss sampling strategies and, if schedules permit, to be present at the site to advise on sample collection and selection. Specific terms and conditions for the OSL-analyses may apply to particular chronological problems.

The GLL provides a fundamental scientific service, for which the appropriate remuneration is joint authorship. The GLL therefore encourages joint authorship of papers that use the optical dates it has provided. The GLL also reserves the right to publish the details of dating experiments, with acknowledgement to involved parties (or co-authorship, where appropriate), in technical proceedings dealing with methodological aspects of the luminescence dating method.

Contact:

[Prof. Dr. Johan De Grave](#) & [Dr. Dimitri Vandenberghe](#)

Further details can be found [here](#).