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## **ABSTRACTS**

### ***Level of Georeferencing (LoGeoRef) using IFC for BIM***

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#### Abstract

Using the Industry Foundation Classes (IFC) to georeference building models (BIM) we propose a “pessimistic assumption”, because Building Models in IFC are often not perfectly or sometimes not at all georeferenced, in practice. Our approach therefor defines a “metric” using standard conform IFC Entities (ISO 16739:2013 / ISO/PRF 16739-1) only. The higher the proposed LoGeoRef is the more quality of georeferencing is specified. Each level comprises their own IFC-schema attributes and is standing on its own. The metric is implemented in a free software tool for checking and editing geo-transformation in IFC files.