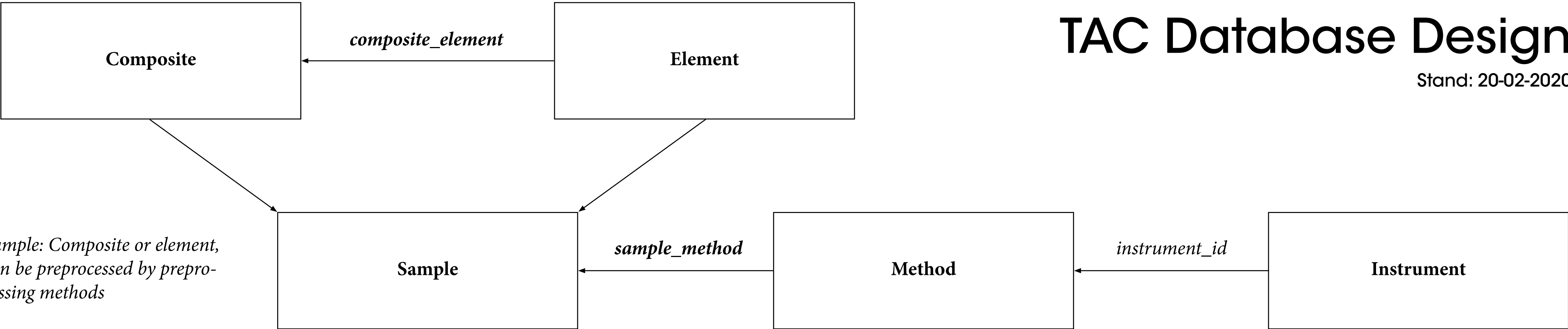


TAC Database Design

Stand: 20-02-2020

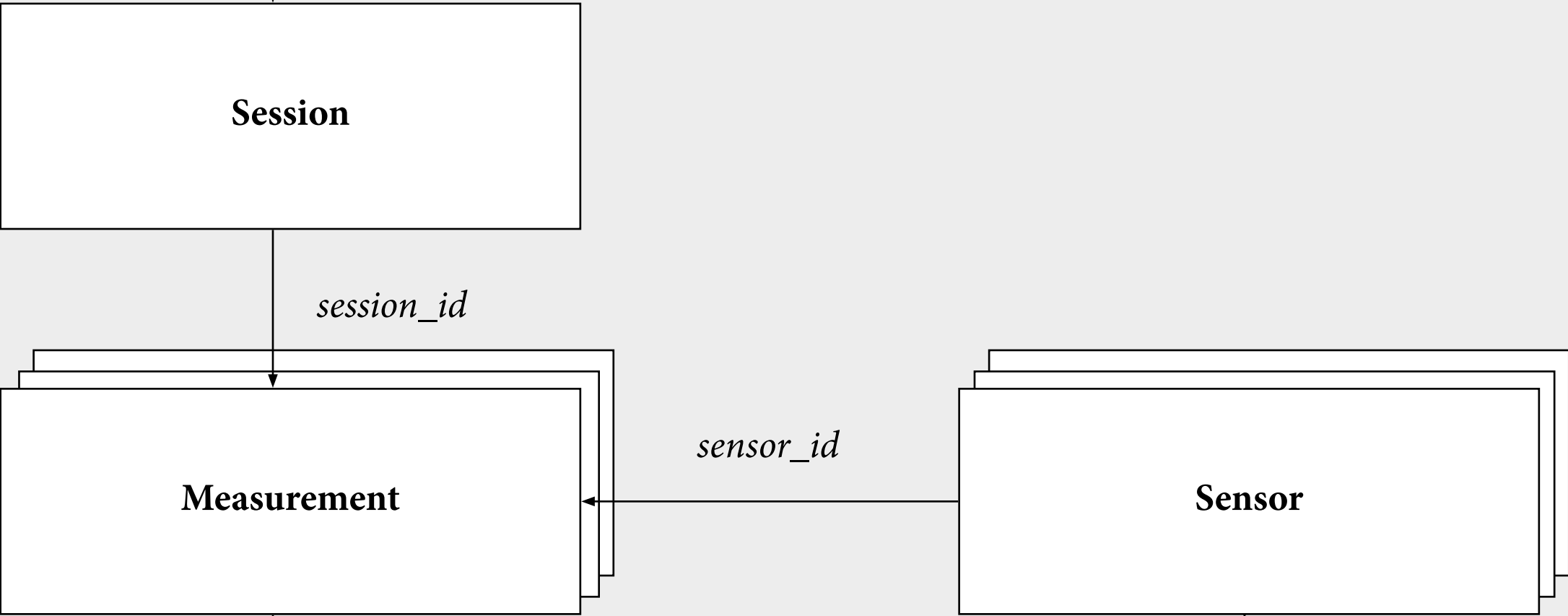
1. Sample Management



2. Measurement

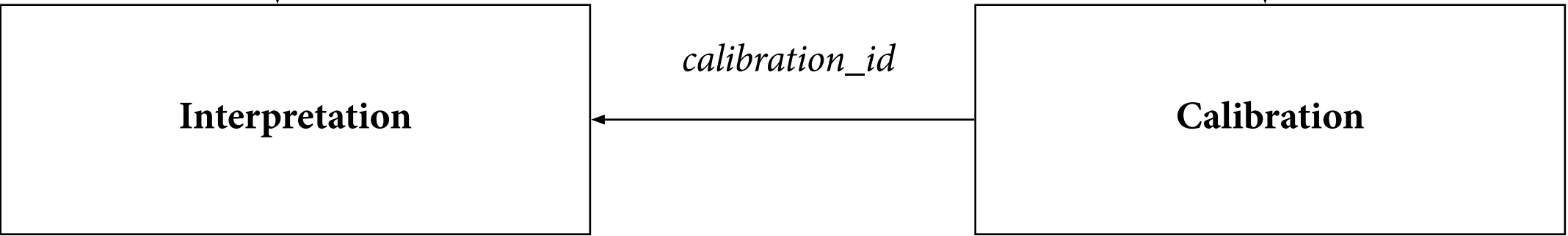
Session: Set of Measurements from different sensors. Measurement of same set is repeated periodically in same Session.

Measurement: Reading of a single sensor at one point in time.



3. Interpretation

Interpretation: corrected data from Measurement by Calibration and formula



1. Sample Management

A Composite is assembled from multiple elements. One sample contains one composite or element. Each method is associated with one instrument.

2. Measurement

A Measurement is a single Sensor reading. A Session contains multiple Measurements of the same set of Sensors in between Start/Stop.

3. Interpretation

An interpretation is associated with one measurement. An interpretation is associated with one or no calibration, e.g. when sensor need no calibration. The calibration should be used for a whole session.

M-M table

entity table

foreign key