

Invitation to Nordic mini-seminar on determination of relative humidity in concrete

Accurate and reliable determination of relative humidity in concrete is important for floors with various types of tight coating, but also for different research purposes in order to evaluate and compare materials, various concrete compositions, binders, surface treatments etc.

Measurement of relative humidity in concrete is not straight forward. There are different types of measuring devices available and several types of errors exist, leading to uncertain and/or unreliable results. The main purpose with the mini-seminar is to exchange experience from the use of different devices and the different measuring procedures applied in lab and in-situ, as well as experience from use of concrete made with different binders self-deccication concrete.

Relevant topics for the mini-seminar are:

- Requirements and experience from use of different measuring devices and procedures for in-situ measurements
- Experience from relative humidity measurements in the laboratory and in-situ for research purposes (incl. various error sources)
- Utilization of self-deccication concrete and effect from different binders on humidity development
- If the number of presentations allow it; we can also discuss the experience from the use of different humidity calculation programmes

The mini-seminar will be held in Trondheim November 7th -8th 2018. Each participant shall make a short presentation (10-15 min) on the topic he/she wants to present. The number of presentations will be limited (about 10-14), so there will be plenty of time for discussions.

The mini-seminar will take place at SINTEF in Richard Birkelands veg 3 between 11.30 on Wednesday 7th and 13.00 on Thursday 8th. The seminar starts and ends with lunch and there will be a common dinner at 19.00 on Wednesday 7th.

There will be a participant fee of NOK 750 ex VAT for the mini-seminar and lunches. Travel, accommodation and the dinner on Wednesday must be covered by each participant.

Please register to ola.skjolsvold@sintef.no. It will be useful to get a preliminary participation notice and topic for the presentation as soon as possible. Registration deadline is October 1th 2018.

Trondheim 2018-08-08

Ola Skjølvold

SINTEF