

ERICA Meeting at PoreLab, NTNU, March 7-8, 2019

Room PTS paviljong 162 (<http://bit.ly/2VCRCIO>)

Thursday March 7:

- 10:00-11:00:** Welcome and introduction to PoreLab (Alex Hansen, PoreLab).
- 11:00-12:00:** Chloride Ingress in Cementitious Materials: Unexplained Experimental Evidence (Fabien Georget, EPFL)
- 12:00-13:00:** Lunch
- 13:00-14:00:** Chloride Ingress: Challenges in Macroscopic Modeling (Fabien Georget, EPFL)
- 14:00-15:00** Discussion on the NTNU-ERICA collaboration.
- What will PoreLab's role be?
 - What will the role of Department of Structural Engineering be?
 - Exchange outside ERICA?
 - Secondments at NTNU?
 - Etc.
- 15:00-16:00:** Tour of the PoreLab laboratories.
- 18:00-** Dinner

Friday March 8 :

- 11:00-12:00:** Chloride Diffusion at Meso/Nanoscale (Khalil Ferjaoui, EPFL)
- 12:00-13:00:** Lunch
- 13:00-14:00:** What is Anomalous Diffusion (Miguel Rubi, PoreLab)
- 14:00-16:00:** Scientific discussion.
- Is this anomalous diffusion or is more than that? (Why is it not a diffusion-reaction process?)
 - What kind of anomalous diffusion is it? Is it really enough to model it with a time-dependent diffusion coefficient?
 - What are the data needed to model the process; how to link theory to experimental observations?
 - Relation to electrokinetic phenomena.
 - Mette's chloride study at NTNU.