Workshop Critical Chloride Content in Concrete - Programme

Day 1 Thursday 5 June 2008

08.00 – 08.50	Registration (In the foyer outside auditorium R9, Realfagsbygget (the Natural Science Building), NTNU. All sessions take place in auditorium R9.)
0850 – 09.00	Welcome by **Tor Arne Hammer** (Project leader of COIN)
09.00 – 10.00	**Chris Page:** Importance of the steel-concrete interface with regard to corrosion initiation in the presence of chloride. Discussion
10.00 – 11.00	**Josef Tritthart:** Pore solution of concrete. The equilibrium of bound and free chloride (influencing factors, stability, importance for corrosion initiation and propagation). Discussion
11.00 – 12.00	**Luca Bertolini**: Depassivation of steel in case of pitting corrosion - detection techniques for laboratory studies. Discussion
12.00 – 13.00	**Lunch** in Realfagsbygget
13.00 – 14.00	**M Cruz Alonso**: Chloride threshold values in the literature. Discussion
14.00 – 15.00	**Bernhard Elsener**: Chloride sensors in concrete - accuracy and long term stability. Discussion
15.00 – 16.00	**Ueli Angst**: Laboratory experiments for detecting critical chloride content in reinforced concrete. Discussion
16.00 – 17.00	**Rob Polder**: Relationship between electrical concrete resistivity and critical chloride content. Discussion
	Coffee breaks at intervals
	If time permits a visit to the laboratories shall be arranged
20.00	**Dinner at Grenaderen restaurant (In Trondheim center. A map shall be provided)**

Day 2 Friday 6 June

09.00 – 10.00	**Joost Gulikers**: Critical considerations regarding laboratory research on the critical chloride content in reinforced concrete. Discussion
10.00 – 11.00	**Gro Markeset**: Critical chloride content and its influence on service life predictions. Discussion
11.00 – 12.00	**Tang Luping**: A field study of critical chloride content in reinforced concrete with blended binder Discussion
12.00 – 13.00	**Lunch** in Realfagsbygget
13.00 – 14.00	**John Miller**: Reference material for calibrating chloride analysis of hardened concrete Discussion
14.00 – 15.00	**Jens Frederiksen**: On the need for more precise threshold values for chloride initiated corrosion in design, repair and maintenance of reinforced concrete structures - a consultant's view. Discussion
	Coffee breaks at intervals
15.00	**Closing the workshop**