

Standing Committee on Concrete Technology
Annual Concrete Seminar 2005
Venue: Hong Kong Central Library Lecture Theatre
Date: 3 February 2005

Durability of Reinforced Concrete Structures

Morning Session

Session Chairman: Mr. Y C Chan (DH (P&S))

Start	End	Duration (mins)	Programme	Speaker
08:40	09:00	20	Registration	
09:00	09:10	10	Opening Address	Mr. Y C Chan Chairman, SCCT
09:10	09:40	30	Durability of R C Structures, Theory vs Practice	Prof. Albert Kwan HKU
09:40	10:05	25	Alkali-Aggregate Reaction of Concrete Structures	Ir Steven Chak PWL, CEDD
10:05	10:30	25	Use of Special Chemicals to Enhance the Durability of Concrete	Mr. Alan Wu Mr. Jaime S K Yeung Concrete Producers Association
10:30	10:50	20	Tea break	
10:50	11:15	25	Assessment of the Resistance of the Stainless Steel Clad Bars to Chloride-Induced Corrosion in Concrete	Dr. Gerardo G. Clemena Virginia Transportation Research Council, USA
11:15	11:40	25	Use of Galvanized Rebars in R C Structures	Prof. Stephen Yeoman University of New South Wales, Australia
11:40	12:10	30	Discussion for the morning session	
12:10	13:40	90	Lunch break	

Afternoon Session

Session Chairman: Mr. W K Pun (CGE/S&T)

Start	End	Duration (mins)	Programme	Speaker
13:40	14:10	30	Durability assurance of concrete in marine environments based on project example in HK-Shenzhen Western Corridor	Ir Tony Read Ove Arup Partner
14:10	14:35	25	The effect of Marine Environment on the Durability of CEDD's Pier Structures	Mr. Miki Funahashi Corrpro Co. Ltd
14:35	14:55	20	Tea break	
14:55	15:20	25	The effect of Fire on the Durability of R C Structures	Dr Y L Wong HKPolyU
15:20	15:45	25	Durability of Concrete using Recycled Aggregates	Ir W K Fung ArchSD
15:45	16:10	25	Carbonation and Chloride Penetration of Concrete Structures	Dr Tommy Lo HKCityU
16:10	16:50	40	Discussion for the afternoon session	