

English Intensive Course

Durability of Reinforced Concrete under Combined Mechanical and Climatic Loads

Prof Folker H. Wittmann	Aedificat Institute Freiburg, Germany
Prof Ha-Won Song	Yonsei University, Korea
Prof Koji Takewaka	Kagoshima University, Japan
Prof Zhao Tie-Jun	Qingdao Technological University, China
Prof Tamon Ueda	Hokkaido University, Japan
Dr Shingo Asamoto	Saitama University, Japan
Dr Hiroshi Saito	former research specialist of Obayashi Corporation, Japan
Dr Ellis Gartner	Lafarge Centre de Recherche, France
Dr Dai Jianguo	Port and Airport Research Institute, Japan

	8:45 - 10:15	Introduction
		by Prof Tamon Ueda
February 15 [fri]	10:30 - 12:00	Long Term Durability of Cement based waterias Exposed to water (Part
	13:00 - 14:30	Long Lerm Durability of Cement-based iviatenais Exposed to water (Part Ω)
		by Dr Hiroshi Saito
	10:30 - 12:00	Capillary Suction, Damage, and Durability of Reinforced Concrete
February 18 [mon]		by Prof Folker H. Wittmann
	13:00 - 14:30	Permeability of Concrete
		by Prof Zhao Tie-Jun
	10:30 - 12:00	Durability of Surface Impregnated and Integral Water Repellent Concrete
February 19 [tue]		by Prof Folker H. Wittmann
	13:00 - 14:30	Corrosion and Protection of Reinforced Concrete Induced by Chloride
		by Prof Zhao Tie-Jun
	8:45 - 10:15	Chloride Induced Corrosion of Rebars in Concrete Structures – From
		Material Science to Concrete Engineering -
	10:30 - 1200	Progress on Durability Design and Assessment for Concrete Structures Present and Future –
		by Prof Ha-Won Song
February 20 [wea]	12000 = 1420	Life Cycle Management of Concrete Structures under Port Environment
	13.00 - 14.30	Material durability and structural performance degradation
	14:45 - 16:15	Life Cycle Management of Concrete Structures under Port Environment
		Maintenance and repair by Dr. Dai, lianguo
	11.15 - 16.15	ע וע ענו טומווקעט דבר
February 22 [fri]	14.40 - 10.10	TDD by Prof Koji Takowaka
	10.20 - 12.00	
February 23 [sat]	10.30 - 12.00	IDU by Prof Koji Takowaka
		Dy FIUL MUJI LAREWARA
	10:30 - 12:00	Cementitious Composites and Application to Cracking Assessment of
		Concrete Structures
February 28 [thu]		by Dr Shingo Asamoto
	13:00 - 14:30	Principal Mechanisms of Portland Cement Hydration
		by Dr Ellis Gartner
February 29 [fri]	10:30 - 12:00	Catalysis of Cement Hydration by Chemical Admixtures
		by Dr Ellis Gartner

For further information or registration, please contact… Ms Naoko Masaki

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