

**UNIVERSITY OF MACAU
FACULTY OF SCIENCE AND TECHNOLOGY
DEPARTMENT of CIVIL & ENVIRONMENTAL
ENGINEERING**

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**"Scientific Concepts for Concrete
Engineering"**

by

Prof. Lian Huizhen

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Tsinghua University, Beijing**

Date: 25 March 2011 (Friday)

Time: 3:30pm - 5:00pm

Venue: HG01, University of Macau

Abstract

Concrete technology has been developing rather empirically. However, recent research has indicated that we can better understand concrete through certain scientific concepts. This seminar will present the scientific concepts that would help us to improve our understanding of concrete and to more accurately predict the behaviour of concrete. With these scientific concepts, we should be able to optimize the mix design of concrete for the production of higher performance concrete.

Biography

Prof. Lian graduated from Tsinghua University in 1958 and has since been teaching and doing research at Tsinghua University. She has done more

than 50 years of research on various aspects of concrete technology, including PFA, GGBS, high-strength concrete, high-flowability concrete, light-weight concrete and expanding agents. She has published more than 100 papers and has participated in the drafting of many national standards on concrete materials and structures.

ALL ARE WELCOME!