



MIDDLE EAST
CONCRETE

INTERNATIONAL CONCRETE TECHNOLOGY FORUM 2014

November 18, 2014

Dubai World Trade Center

KEY LEARNING POINTS

Learn about the latest developments in concrete sustainability and technology related to materials, design, manufacturing and testing.

Gain awareness of green concrete, alternative and recycled materials, aggregates and cementitious materials.

Acquire knowledge related to the newest innovations and challenges associated with the concrete construction industry.

Meet senior delegates and network with decision makers from local authorities, consultants, contractors, concrete manufacturers and construction material suppliers.

**BOOK
YOUR FREE
PLACE
NOW**

Register now at www.middleeastconcrete.com/RegForum

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MIDDLE EAST
Computerized Self-Compacting Technologies

WHO SHOULD ATTEND

CONCRETE TECHNOLOGISTS
AND INDUSTRY
PROFESSIONALS

ENGINEERS AND
ARCHITECTS

CONTRACTORS

CONSULTANTS

PUBLIC WORK OFFICIALS

READY-MIXED CONCRETE
PRODUCERS

MATERIAL SUPPLIERS AND
MANUFACTURERS

CONCRETE INDUSTRY
PROFESSIONALS

SPECIAL FEATURES



PASSPORT CHALLENGE

A prize draw to win a number of valuable gifts will take place during the conference. To enter the competition visit all sessions and sponsors' stands to get your conference passport stamped. Return the passport fully stamped to enter the prize draw.

Winners will be announced during the final session.



SPEED NETWORKING

The first session of the forum will include a speed networking event. It's fun and it will help you network with professionals with mutual interest. Make sure you get plenty of business cards!



CCP_{fME}

CCP_{fME}
ACQUIRE
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POINTS

Certified Concrete Professional Middle East is the highest designation in the concrete industry and it is a prestigious sign of professionalism. To earn the CCP_{fME} designation, participants must successfully complete 120 hours of coursework under one of four important areas of study:

- 1- Concrete Technology
- 2- Operations and Production
- 3- Sales, Marketing and Promotion
- 4- Sustainability

CCP_{fME} graduation ceremony will take place during the first day of the conference. Moreover is part of NRMCA's Seminars, Training, and Educational Programs (STEP) and it provides 12 credits towards earning your CCP_{fME} designation in all career tracks.



PROGRAM OUTLINE

08:45 - 09:00 **Welcome Note**
Lionel Lemay & Rabih Fakih

09:00 - 10:00 CONCRETE TECHNOLOGY

Concrete Innovation for Sustainability
Olafur Wallevik, **ICI Rheocenter**, Iceland

Chloride Ion Condensation in Pore Solution of Cement-Based Materials
Caijun Shi, **Hunan University**, China

10:00 - 10:30 **Speed Networking Session**

10:30 - 10:45 **Coffee Break**

10:45 - 12:15 CONCRETE SUSTAINABILITY

Transparency and Social Responsibility: The New Challenges in Green Buildings
Lionel Lemay, **NRMCA**, USA

Sustainable Practices in the Concrete Industry, Elements Beyond Raw Materials
Shyam Kumar Syamaprasad, **S.S.L000TAH**, UAE

12:15 - 13:30 Lunch Break

13:30 - 14:30 CHALLENGES TO THE CONCRETE INDUSTRY

Understanding Variability of Concrete, Batching and Testing
Colin Lobo, **NRMCA**, USA

Developing Durability Specifications in the Gulf
Khaled Hassan, **UK TRL**, Qatar

14:30 - 15:00 **CCP_{fME} Graduation Ceremony**

15:00 - 15:15 **Coffee Break**

15:15 - 16:15 CONCRETE CONSTRUCTION PRACTICES AND TECHNOLOGIES

Strengthening of Reinforced Concrete Beams with Externally Bonded Carbon and Basalt FRP Laminates
Rami Hawileh, **AUS**, UAE

Sustainable Permeable Pavements in Dubai
Hilal El-Hassan, **AUD**, UAE

16:15 - 16:30 **Passport Challenge Awards**

HOW TO REGISTER:

Email your registration form to:
E: register@middleeastconcrete.com
or complete the online form at:
www.middleeastconcrete.com/RegForum

SPEAKERS



Lionel Lemay
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Mr. Lemay is Sr. Vice President, Sustainability and Technical Resources for the National Ready Mixed Concrete Association (NRMCA)



Colin Lobo
Ph.D., P.E

Dr. Lobo is Sr. Vice President, Engineering for the National Ready Mixed Concrete Association (NRMCA)



Olafur H. Wallevik
Dr. Ing.

Dr. Ing., Manager at Innovation Center Iceland (Rheocenter) and a professor at Reykjavik University; Iceland and Sherbrooke University in Canada



Caijun Shi
Ph.D., P.Eng., FACI

Dr. Caijun Shi is the Chair Professor at College of Civil Engineering, Hunan University, Changsha, China & China Building Materials Academy, Beijing, China.



Khaled Hassan, Ph.D.

Dr Khaled is the Regional Manager of TRL (UK Transport Research Laboratory) in Qatar. He has 24 years of experience in academia and the industry. He obtained his PhD in Civil Engineering from Leeds University (UK) in 1993.



Shyam Kumar Syamaprasad

Engineer Syam Kumar is a senior Civil Engineering professional with over 22 years of proven success in RMC Plant Operations, Material Testing, Quality Management, Project Management, Marketing, Design, Development & Process Improvement.



Hilal El-Hassan
Ph.D

Dr. Hilal El-Hassan is an Assistant Professor of Civil Engineering at the American University in Dubai, UAE.



Rami Hawileh
Ph.D.

Dr. Rami Hawileh is an Associate Professor of Civil Engineering at the American University of Sharjah, UAE.