



Engineering Alumni Singapore



Society for Rock Mechanics & Engineering Geology

## Seminar on ACI Shotcrete Nozzleman Certification in Singapore

(3 PDUs)

By A. Prof Marc Jolin and SRMEG

Date: 6 Oct 2009, Tuesday

Venue: Shaw Foundation Alumni House, Seminar Room 2-3, 11 Kent Ridge Drive, Singapore 119244

### Programme:

- 1330 ~ 1400 Registration
- 1400 ~ 1500 (I) What is ACI Shotcrete Nozzleman Certification?  
(II) Why ACI Shotcrete Nozzleman Certification?  
(III) How to get ACI Shotcrete Nozzleman Certification?
- 1500 ~ 1530 Refreshments
- 1530 ~ 1600 Why introduce ACI Shotcrete Nozzleman Certification in Singapore?
- 1600 ~ 1630 Q&A

### Admission:

- EAS/SRMEG Members : \$20
- Non EAS/SRMEG members : \$40

### Registration

Title and Full Name (underline Surname / Family Name): Prof / Dr / Mr / Mrs / Ms*		Member of EAS/SRMEG: YES          NO	
Organisation:			
Address:			
Phone: (Office)		(Mobile)	Fax:
Email:			
<b>Method of Payment</b>			

- By Bank Draft / Cheque in Singapore Dollars drawn on a bank in Singapore and made payable to:  
**"Society for Rock Mechanics & Engineering Geology"**

Bank Draft/Cheque Numbers: \_\_\_\_\_ Issuing Bank: \_\_\_\_\_

- Cash

Signature: \_\_\_\_\_

SRMEG Secretariat, 1 Liang Seah St. #02-12 Liang Seah Place Singapore 189022 Tel: (65) -6336 2328 , Fax: (65) – 6336 2583, Email: <a href="mailto:srmeg@cma.sg">srmeg@cma.sg</a> , Website: <a href="http://www.srmeg.org.sg">http://www.srmeg.org.sg</a>
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## **ACI Shotcrete Nozzleman Certification in Singapore**

Shotcrete is used in many projects in Asia today. Currently however, there are no governing standards for accessing the quality of the shotcrete applied and the workmanship employed during the shotcreting process. It is also not uncommon for shotcrete nozzlemen to be replaced more than once during a single project and in fact, none of them are required to have any form of certification.

The American Concrete Institute (ACI) Shotcrete Nozzleman Certification Program aims to provide the nozzleman with improved shotcreting knowledge and skills, and more importantly, international recognition as a professional craftsman. Upon completion of the program, the nozzleman's certificate is valid for 5 years. It will be beneficial for projects to employ ACI-certified shotcrete nozzlemen as that assures shotcrete specifiers (or Consulting Engineers) that the nozzleman has applied the professional knowledge and capabilities to properly apply shotcrete.

The Society of Rock Mechanics and Engineering Geology Singapore (SRMEG), with the support of the Building and Construction Authority Singapore (BCA), is proud to introduce the ACI Shotcrete Nozzleman Certification Program in Singapore. This marks the first time that an ACI Shotcrete Nozzleman Certification Program is being conducted in Singapore, and in Asia.

The seminar co-organised by SRMEG and EAS will provide an introduction to the ACI Shotcrete Nozzleman Certification Program, highlight the need for such a certification program in Singapore and explain how to get certified as a shotcrete nozzleman. The seminar will be co-presented by Associate Professor Marc Jolin, ACI-approved Shotcrete Nozzleman Examiner, and American Shotcrete Association (ASA) educator and SRMEG. It promises to be an informative and enriching seminar as the tunnelling industry in Singapore takes another step in her endeavour to ensure uncompromising quality of work in all projects and an industry that supports skills development.

### **About the Speaker**

*Associate Professor Marc Jolin*

*Marc Jolin is an Associate Professor in the Department of Civil Engineering at Laval University, Canada and an active member of CRIB (Centre de Recherche sur les infrastructures en béton - Research Center on Concrete Infrastructures). As an ACI Examiner and ASA Educator, he has conducted numerous Shotcrete Nozzlemen Certification sessions since the start of the program. Jolin is the chair of the C660, Shotcrete Nozzleman Certification, and secretary of the ACI Committees 506, Shotcreting. His research and development interests include shotcrete, infrastructure durability, rheology and calcium aluminates cement.*