Singapore Concrete Institute (SCI), Geophysical Survey Inc (GSSI) and Sea and Land Technologies Pte Ltd (SALT) are jointly organizing a technical seminar on

“Concrete NDT Inspection using GSSI GPR”

**Day/Date:** Tuesday, 12\textsuperscript{th} of October 2010

**Programme:** 9am to 6pm

- Free Registration!!!! (Fully Sponsored by GSSI and SALT)
- Refreshments and Lunch will be provided
- PDU points pending
- Limited numbers of seats are available, First come, first serve basis

**Venue Address:**

Nanyang Technological University (*Location Map is attached*)
Nanyang Executive centre
60 Nanyang View, Singapore 639673
Lecture room 1 (education wing level 2)

**Speaker:** Robert Parrillo, Geophysical Survey Systems, Inc,
Programme:

9:00 AM Registration

9:30 AM Welcome, introductions and schedule review

9:45 AM Introduction to GPR
  • What is GPR?
  • History of GPR
  • What components are in a GPR System?
  • What is GPR used for?
  • Applications with advantages and limitations

10:45 AM Coffee break

11:00 AM Profile and introduction on GSSI Concrete scanning Systems and antennas

1:00 PM Buffet lunch

2:00 PM GPR for concrete inspection.
  Hands-on demonstrations (Structure Scan Mini & Structure Scan Optical)

3:30 PM Coffee break

3:45 PM Data Processing & Presentation

5:30 PM Q & A

6:00 PM Close
About Speaker:

Robert Parrillo
Geophysical Survey Systems, Inc
12 Industrial Way
Salem, NH 03841 USA
603-681-2059 parrillor@geophysical.com

Education:
* Bachelor Degree in Electrical Engineering from Bridgeport Engineering Institute, Bridgeport, Connecticut, USA. (Acquired by Fairfield University in 1994) BSEE - Bridgeport Engineering Institute, Fairfield, CT
* Coursework in Mechanical Engineering - Norwalk State Technical College, Norwalk, CT
* Professional sales training: Professional Selling Skills (Achieve Global), Samurai Selling and Demos (Corporate Visions); Strategies for Selling Technical Industrial Products, Principles of Professional Selling, Value Added Selling

Technical Publications:
* The Integration of Ground Penetrating Radar and Falling Weight Deflectometer
* Bridge Deck Condition Assessment Using Ground Penetrating Radar
* Comparison of Ground Coupled and Air-Launched Antennas for Bridge Deck Condition Assessment.
* Bridge Deck Condition Assessment Using GPR: Comparison of 1 GHz and 2 GHz air-launched Horn Antennas

Professional Memberships:
* GPR TEAM – Founding Member and Annual Meeting Chairman
* Transportation Research Board – Exhibitor Advisory Council
* ASTM International

Relevant Work Experience:

2003 to Present Geophysical Survey Systems Salem, NH, Sales Manager - Asia
1992 to 1994 New England Engineering Hampstead, NH, Principal
* Consulting engineer for Carl Zeiss IMT Division - Developed and conducted training classes and on-site applications engineering for Zeiss CNC coordinate measuring machines.
* Consulting engineer for Robotic Unlimited Resources – Provided electrical and mechanical engineering services for commercial industrial welding robots.
* Consulting engineer for Critical Care America – Participated in the design and implementation of sixty local area networks nationwide.
1984 to 1988 Carl Zeiss, Inc. – IMT Division Thornwood, NY, Manufacturer of high accuracy coordinate measuring machines, Senior Engineer – Central Staff.