



THE INSTITUTION OF ENGINEERS, MALAYSIA

Bangunan Ingenieur, Lot 60/62, Jalan 52/4 Peti Surat 223. 46720 Petaling Jaya, Selangor Darul Ehsan
Tel: 603-7968 4001/2 Fax: 603-7957 7678 E-mail : sec@iem.org.my IEM Homepage : <http://www.myiem.org.my>

TALK ON "ADAPTIVE DESIGN OF FIBERGLASS GRID REINFORCED PAVEMENT"

(Organised by the Highway & Transportation Engineering Technical Division, IEM)

BEM Approved CPD/PDP Hours: 2 Ref No: IEM16/HQ/302/T

Date : 29th September 2016 (Thursday)
Time : 5.30 pm– 7.30 pm (*Refreshment will be served in 2nd Flr at 5.00pm*)
Venue : C&S & TUS Lecture Hall, 2rd Floor, Wisma IEM, PJ
Speaker : S. Joon Lee, Ph.D., P.E.

SYNOPSIS

Past decades witnessed tremendous development of road reinforcing technology on asphalt pavement. Polymer-impregnated glass fibre grid has outperformed to reinforce asphaltic surface layers by retarding distresses. The grid grants additional strength and viscoelastic properties into pavement, resulting in longer road life. The talk highlights global cases of how the grid integrates product elements, installation considerations, and performance outcomes. The general conclusion is an innovative paving design and structure embedded grid satisfying with local road conditions.

Key notes: Grid, Reinforcement, Asphalt Pavement, Performance

SPEAKER BIODATA

Dr. S.Joon Lee holds a doctorate degree from North Carolina State University Raleigh NC USA in Fiber Reinforced Asphalt Concrete. Currently he is technical manager of Saint-Gobain Adfors for Asia Pacific region. He holds patents on composite tack film for asphalt paving and has numerous publications related to asphalt pavements. Dr. Lee is a member of American Society of Civil Engineers and US professional Engineers Association. He has vast field experience and in research on asphalt pavement performance.

ANNOUNCEMENTS TO NOTE:

- Preferential admission to talk shall be accorded to IEM members (**pre-registration and online registration are NOT required**).
- **Non members** may also attend the talk but will need to pay a registration fee of **RM50** and an administrative fee of **RM15**. GST is inclusive.
- Members of affiliated organisations upon producing their membership cards will be exempted from paying registration fee. Administrative fee is nevertheless applicable.
- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- IEM members are reminded to produce membership cards for confirmation of attendance (CPD purpose) failing which a fee of RM25 will be imposed. GST inclusive.

ADMINISTRATIVE FEE

- Kindly be informed that an administrative fee of **RM15** is payable for talks organized by IEM. GST is inclusive.
- The fee would be used to cover overhead costs, building maintenance expenses as well as contribute to Wisma IEM Building Fund.
- All contributions will be deeply appreciated by IEM.
- Student Members are however exempted.

PERSONAL DATA PROTECTION ACT

I have read and understood the IEM's Personal Data Protection Notice published on IEM's website at <http://www.myiem.org.my> and I agree to IEM's use and processing of my personal data as set out in the said notice.

CPD HOURS CONFIRMATION

Name:

Membership No:

Signature:

Ir. Siew Yaw Jen
Chairman
Highway and Transportation Engineering Technical Division, IEM