

ENGINEERING SEMINARS



COMMENTS FROM PREVIOUS DELEGATES...

SI SEMINAR

Two speakers were very audible with good examples provided - Mr J.T, BEng
Comprehensive and detailed - Ms J.D, MEng, CEng, MICE
Excellent speakers, high level of information - Mr E.Z, BEng, MSc
Relaxed delivery of material - Mr P.W, BEng
Level and content at level I expected and required - Mr T.C, MEng
Breadth of topics covered - Mr D.H, HNC
Wide ranging, useful basic information and more detail - Mr S.R, BSc
Broad subject matter; good lecturers held attention - Mr R.H, BEng
Good topics covered - Mr S.B, HNC
Good content, covered to the correct detail - Mr I.B, HNC
Useful introductions into most recent legislation, BS, eurocodes etc - Mr G.W, NC
Comfortable environment - Mr A.N, BEng (Hons)
Insight into onsite material testing - Mr D.J, BEng (Hons)

GEOTECHNICAL DESIGN SEMINAR

Overview of subjects presented very well - Mr I.B, HNC
Interesting content and range of subjects - Mr G.W, NC
Lecturers were interested and knowledgeable on subject, who tied theory into real circumstances/examples well
Mr M.C, BEng
Very interesting real life cases used to discuss issues - Ms J.D, MEng, CEng, MICE
Engaging, knowledgeable presenters. Good level of presented detail. Good case studies - Mr N.G, BSc (Hons)
Alternative views to standard ideologies. - Mr A.T, BSc (Hons), MSc
New and interesting information was presented. Very useful. - Mr N.T, BEng
The slope stability and deep foundations sections were very useful. - Mr M.M.Y, BSc, MSc, FGS
All the three sections were explained clearly with good case studies - Mr R.B, BSc, MSc

EARTHWORKS SEMINAR

Pitched at exactly the right level for me. Entertaining! - Mr R.B, BSc, FGS
Current BS and Eurocode information. Wide range of topics covered. - Mr G.W, NC
Good overview of topics. Delivered by knowledgeable lecturers. - Mr I.B, HNC
Good coverage of topics - Mr S.B, HNC
Case studies were very useful in explanations - Ms R.N, BSc



LECTURERS

Professor Mike Forde, BEng, MSc, PhD, FEng, FRSE, FACI, CEng, FICE, FIET, FCIHT, FINDT
Carillion Professor at the University of Edinburgh.

Eur-Ing Ian L Whyte, BSc Tech, Dip ASE, CEng, FICE, MCIHT
University of Manchester, Hon Fellow, University of Edinburgh & Geotechnical Consultant.

Lewis Barlow, BEng (Hons) MSc, DIC, CEnv, CEng, FICE, MCIWEM, SiLC
Technical Director, Land Quality, Grontmij. Edinburgh.



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ENGINEERING SEMINARS

GEOTECHNICAL SEMINARS

(Appropriate for ICE 1-day CPD credit)

ANNOUNCE THREE 'ICE CPD' SEMINARS :
From £135 + VAT/1-day Seminar

30th Nov - 2nd Dec 2015

Cresta Court Hotel
Church Street
Altrincham
WA14 4DP

(5 miles from Manchester & Manchester Airport,
close to M56 Jnctn 6)

| | | |
|----------|-----------------------------------------------------------|-----------------------------|
| A | Interpreting Site Investigation & EC7 + NA | Monday 30th November 2015 |
| B | Geotech Design to Eurocode 7 + UK National Annex (NA) | Tuesday 1st December 2015 |
| C | Earthworks : Structures, Railways, Highways – EC7 + UK NA | Wednesday 2nd December 2015 |



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ICE CPD EC7 GEOTECHNICAL ONE DAY SEMINARS 2015

ENGINEERING SEMINARS

A Interpreting Site Investigations & EC7 + NA

BS EN 1997-1: 2004 & BS EN 1997-2:2007
BS EN ISO 22475-1:2006 & 22476-3:2005
BS 5930 : 2009 (amd no. 2: 2010) & BS 8485 : 2007
CIRIA 552 & 665 & GMPP - briefing Note BN01/2008

Contaminated Land
Basic essential soil mechanics covered

ONE DAY SEMINAR : Monday 30th November 2015

OBJECTIVES AND SKILLS/KNOWLEDGE TO BE COMMUNICATED

| | | |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| 09.30 - 11.00 | SI OBJECTIVES + RISK ANALYSIS OF INVESTIGATION AND INTERPRETATION of existing information to EC7+ UK NA | Ian Whyte / Mike Forde |
| 11.15 - 13.00 | INTERPRETATION OF B.H. LOGS, GROUNDWATER PROFILES, IN-SITU TESTS - SPT's, cone penetrometers, pressuremeters | Ian Whyte |
| 14.00 - 15.30 | GEOPHYSICAL TECHNIQUES, INTERPRETATION OF LAB TESTS, SOIL CLASSIFICATION OF SOIL SHEAR STRENGTH PARAMETERS - effective stress and total stress | Mike Forde |
| 15.45 - 17.30 | CONTAMINATED LAND ASSESSMENT Desk-based research, hazard identification, intrusive techniques, data analysis, risk assessment and advice on regulatory compliance. | Lewis Barlow |

B Geotech Design to Eurocode 7 + NA

BS EN 1997-1: 2004 & BS EN 1997-2 : 2007 & BS EN 1536 : 2000
BS 6031 : 2009 & BS 8004
CIRIA PG5 : 1978 & CIRIA 144 : 1997 & CIRIA C641 : 2008
ACI 228.2r : 1998 & ACI 336.1

Basic essential soil mechanics covered

ONE DAY SEMINAR : Tuesday 1st December 2015

OBJECTIVES AND SKILLS/KNOWLEDGE TO BE COMMUNICATED

| | | |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 09.30 - 11.00 | SHALLOW FOUNDATIONS AND SETTLEMENT | Ian Whyte |
| 11.15 - 13.00 | DEEP FOUNDATIONS, UNDERPINNING, INTEGRITY, ASSESSMENT, SETTLEMENT | Mike Forde |
| 14.00 - 15.30 | SLOPE STABILITY DESIGN | Ian Whyte |
| 15.45 - 17.00 | STRUCTURES ON FILL + GEOTECH SOLUTIONS Desk-based research, hazard identification, intrusive techniques, data analysis, risk assessment and advice on regulatory compliance. | Mike Forde |
| 17.00 - 17.30 | CASE STUDIES AND DISCUSSION | |

Cresta Court Hotel, Church Street, Altringham WA14 4DP

C Earthworks : Structures, Railways, Highways - EC7 + UK NA

BS EN 1997-1: 2004 & BS EN 1997-2 : 2007 & BS EN 14688-2 : 2004
BS 6031 : 2009, BS 5930 : 1999 (amd n.. 2 :2010) & BS 1377 : 2001
DoT SHW 3rd Ed : 1963; 4th Ed : 1969 & HA SHW : 1991
HA MCHW SHW Series 0600 Earthworks & NG (2009)
HA 44/91 : 1995 & HA 70/94 : 1994 & SH 7/83 & HD 22/08 : 2008

Basic essential soil mechanics covered

ONE DAY SEMINAR : Wednesday 2nd December 2015

OBJECTIVES AND SKILLS/KNOWLEDGE TO BE COMMUNICATED

| | | |
|---------------|----------------------------------------------------------------------------|------------------------|
| 09.30 - 11.00 | THEORY OF COMPACTION | Ian Whyte |
| 11.30 - 13.00 | STRUCTURES & HIGHWAY FILL : HA Method Spec and Eurocode 7 End Product Spec | Mike Forde |
| 14.00 - 15.30 | COMPACTION PLANT + CASE STUDIES | Mike Forde |
| 16.00 - 17.00 | RAILWAY EARTHWORKS + OPEN DISCUSSION : HA + EC7 + National Annex (NA) | Ian Whyte / Mike Forde |

Online seminar registration at geotechnicalseminars.com

Early Bird Registration (before 31st October 2015) = £135 GBP + VAT

Registration Fee (1st November 2015 onwards) = £165 GBP + VAT

T&C: Refunds available less £40 admin fee up to 7th November 2015; 8th November 2015 onwards – no refunds, but substitutions allowable; substitutions allowable at any time – but please inform us: queries@ecspublications.com



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