University at Buffalo's NEES Equipment Site

Training Workshop

Research at the UB-NEES Versatile Large Scale Hybrid Testing Laboratory: “A Users Perspective”

Structural Engineering and Earthquake Simulation Laboratory,
Department of Civil, Structural and Environmental Engineering
Welcome

UB-NEES TEAM
A Users Perspective

Workshop intended to introduce the equipment available, the manpower and services provided by this Equipment Site of NEES

The Workshop is intended to answer the following questions:

- What do I need to know to use the equipment?
- How can I use the Equipment Site’s services?
- What do I need to plan before using the equipment?
- What do I need to plan before using the Equipment Site’s services?
Workshop Agenda (Monday)

Monday - September 18, 2006 (at University at Buffalo, 140 Ketter Hall)

8:00 - 8:30 am Registration and welcome
8:30 - 10:00 am Overview: UB-NEES major equipment, access, and site support (Andrei M Reinhorn)
10:00 – 10:30 am Break (and visit to lab)
10:30 - 12:00 pm Shake Table/s Testing: equipment, test assembly, test protocols, test execution (Mark Pitman)
12:00 - 1:00 pm Lunch (Workshop students hosted by UB Students in 133 Ketter)
1:00 – 1:30 pm Visit to Laboratory
1:30 – 2:15 pm Instrumentation and Data Acquisition: special sensors, Krypton, calibration, planning (Scot Weinreber)
2:15 – 3:00 pm Observation & Teleobservation: real time displays, remote observation set-up, data evaluation programming (Jason Hanley)
3:00 - 3:30 pm Break (and visit to lab)
3:30 - 5:00 pm Shake Table (Tele) Operations: remote, live demonstration (Mark Pitman & Jason Hanley)
5:00 – 5:30 pm Visit to Laboratory (live experiment)
6:00 pm Dinner
Workshop Agenda (Tuesday)

Tuesday - September 19, 2006  (at Ramada Inn – former University Inn)

8:00 - 8:30 am Continental Breakfast
8:30 - 10:00 am Specialized Testing and Versatile Reconfigurations: 1g soil testing, dynamic hybrid testing and real time pseudodynamic (“Theva”Thevanayagam”, Xiaoyun Shao, Gilberto, Mosqueda)
10:00 - 10:30 am Break
10:30 - 12:00 pm Example of Total Project Planning “NEESWood”: planning process, documents, site support, responsibilities, safety training (Andre Filiatrault)
12:00 - 1:30 pm Lunch
1:30 - 2:15 pm Data Management and Archiving (Jason Hanley)
2:15 - 3:00 pm Project Management: site safety, work plan, scheduling, financial and project agreements (Tom Albrechtinskii)
3:00 - 3:30 pm Break
3:30 - 4:30 pm Questions & Answers, Evaluation and Closure
Logistics

• Location(s)!
  – Meeting places
    • UB Rm 140 Ketter Hall
    • Ramada Inn Rm: University B & C
  – Lab
  – Collaboration Room: Rm 133b Letter Hall
  – Restrooms

• Reimbursements!
  – Fill in the form
  – Required receipts

• Departure times?

• Anything else? Contact our Administrative Assistant in Office: 133a Ketter Hall
Introduction of Workshop Participants

Guests
Introduction of Workshop Participants

UB-NEES Team
Workshop Agenda (Monday)

Monday - September 18, 2006 (at University at Buffalo, 140 Ketter Hall)

8:00 - 8:30 am Registration and welcome
8:30 - 10:00 am Overview: UB-NEES major equipment, access, and site support (Andrei M Reinhorn)
10:00 – 10:30 am Break (and visit to lab)
10:30 - 12:00 pm Shake Table/s Testing: equipment, test assembly, test protocols, test execution (Mark Pitman)
12:00 - 1:00 pm Lunch (Workshop Students hosted by UB Students)
1:00 – 1:30 pm Visit to Laboratory
1:30 – 2:15 pm Instrumentation and Data Acquisition: special sensors, Krypton, calibration, planning (Scot Weinreber)
2:15 – 3:00 pm Observation & Teleobservation: real time displays, remote observation set-up, data evaluation programming (Jason Hanley)
3:00 - 3:30 pm Break (and visit to lab)
3:30 - 5:00 pm Shake Table (Tele) Operations: remote, live demonstration (Mark Pitman & Jason Hanley)
5:00 – 5:30 pm Visit to Laboratory (live experiment)
6:00 pm Dinner
Workshop Agenda (Tuesday)

Tuesday - September 19, 2006  (at Ramada Inn – former University Inn)

8:30 - 10:00 am  Specialized Testing and Versatile Reconfigurations: 1g soil testing, dynamic hybrid testing and real time pseudodynamic (“Theva”Thevanayagam”, Xiaoyun Shao, Gilberto, Mosqueda)

10:00 - 10:30 am  Break

10:30 - 12:00 pm  Example of Total Project Planning “NEESWood”: planning process, documents, site support, responsibilities, safety training (Andre Filiatrault)

12:00 - 1:30 pm  Lunch

1:30 - 2:15 pm  Data Management and Archiving (Jason Hanley)

2:15 - 3:00 pm  Project Management: site safety, work plan, scheduling, financial and project agreements (Tom Albrechcinski)

3:00 - 3:30 pm  Break

3:30 - 4:30 pm  Questions & Answers, Evaluation and Closure
Thank You!

Questions?