

Dissemination Seminar

Involving Students in the Learning of Structural Concepts

Date: Wednesday 12 June 2013 (9:30 – 16:30)

Venue: C21 Pariser Building, University of Manchester

09:30 – 10:00

Registration and Coffee/tea

10:00 – 10:10

Introduction

Dr John Roberts, Chairman of the Joint Board
Moderators

10:10 – 10:55

Teaching and Learning Structural Concepts at
Manchester

Dr Adrian Bell, Senior Lecturer

10:55 – 11:45

Concepts for Designing Stiffer Structures

Dr Tianjian Ji, Senior Lecturer

11:45 – 12:05

Discussion

12:15 – 13:15

Lunch

13:15 – 14:05

How to Study Structural Concepts?

Dr Tianjian Ji

14:05 – 14:40

Visit to the Teaching Laboratory

14:40 – 15:10

Coursework Assignment and Examples for
Developing Ideas

Dr Tianjian Ji

15:10 – 15:20

Member Stiffness Tester

Mr Robin Jones, Year 3 MEng student

15:20 – 15:30

Model Demonstration of Hambly's Paradox

Mr Carol Serban, MSc student

15:30 – 16:00

Discussion

16:00 - 16:30

Tea

A Collection of Students Coursework