



## *Announcement and General Schedule*

### **2006 IUFRO Workshop on Nondestructive Testing of Wood**

**Hosted and organized by Northeast Forestry University (China) and the International Union of Forest Research Organization (IUFRO) Unit D5.02.01**

**at**

**College of Engineering and Technology  
Northeast Forestry University  
Harbin, China  
August 7 – 9, 2006**

You are invited to attend the **2006 IUFRO Workshop on Nondestructive Testing of Wood** to be held in Harbin, China in August 7-9, 2006. The purpose of this workshop is to provide a platform for researchers, engineers, and foresters to present the most recent research advancements and refinements of Nondestructive Testing (NDT) technologies for quality evaluation of trees, raw materials, and various wood products. Several international NDT experts are invited to give keynote presentations. A training session will be offered for participants to get hands-on experience of various state-of-the-art NDT techniques for wood property characterization and defect/decay detection.

#### **Topics:**

Paper and poster presentations in the following areas are invited to participate in this Workshop:

1. Tree/Log Quality Evaluation
2. Urban Tree Decay Detection
3. Nondestructive Evaluation of Structural Timber and Engineered Wood Products
4. Condition Assessment of Historical Wood Structures
5. Other NDT related areas

**Official Language:** English

#### **Location:**

Northeast Forestry University (see attached campus map)  
Harbin, China

**Registration Fee:** \$240

**Registration deadline:** June 25, 2006 (\$20 late fee after this date)

For registration, please fill out the registration form (attached) and send to Workshop Co-Chair Professor Lihai Wang at the following address, along with the registration fee (*write a bank check payable to Northeast Forestry University*).

**Workshop Co-Chairs:**

Dr. Lihai Wang, Dean and Professor  
College of Engineering and Technology  
Northeast Forestry University  
Hexing Road No. 26, Dongli District  
Harbin, China 150040  
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*Campus map showing the location of the Hotel*

## Hotel Information

The Expert Hotel of Northeast Forestry University (NEFU) is situated in the center of the campus and the surroundings is quite and tasteful. The hotel has 108 comfortable and elegant guest rooms. Large, medium, or small dining halls and grand ballroom, with distinctive feature of its own, can receive 400 persons at the same time. There also some places of entertainment including gymnasium, billiard ball room, table tennis room, and chess room, which could provide guests with best service in exercises and entertainment. Large swimming pool is only 200 meters away from the Hotel.

Room rate: \$30 (conference rate)

*For reservation, please email the arrival date, leaving date, and nights to stay to Professor Lihai Wang and cc to Ms Weiping Hou at the following email address:*

[wanglihai@hotmail.com](mailto:wanglihai@hotmail.com)

[ilycoco@hotmail.com](mailto:ilycoco@hotmail.com)



## Transportation:

- From Harbin airport, take a shuttle bus (\$3) to the stop of Kang An Road. Then take a taxi (\$2) to NEFU campus directly.
- From Harbin Train Station, take a taxi to NEFU campus.
- **International Attendees: Please email the Flight No. and arrival date, time for an arranged pick-up at the airport. (Email to Ms. Weiping Hou at [ilycoco@hotmail.com](mailto:ilycoco@hotmail.com))**



## Program Schedule

### August 6, Sunday

6:00 – 8:00 pm, Reception at Expert Hotel

### August 7, Monday

8:00 – 8:30 AM, **Registration**

8:30 – 8:45 AM, **Opening remark**, Professor Lihai Wang, Dean College of Engineering and Technology, NEFU

8:45 – 9:30 AM, **“Acoustics of wood - 1”**, Dr. Frank Divos, Associate professor, University of West Hungary, Hungary.

9:30 – 10:15 AM, **“Acoustics of wood - 2”**, Dr. Frank Divos, Associate professor, University of West Hungary, Hungary.

10:15 – 10:30 AM, Coffee Break

10:30 – 11:15 AM, **“Experimental Mechanics – The Foundation for NDE of Wood”**, Dr. Xiping Wang, Senior Research Associate, University of

Minnesota Duluth and USDA Forest Products Lab., USA

10:15 – 12:00 AM, **“Operational and research tools for acoustic NDE of wood properties in trees and logs”**, Peter Carter, Chief Executive, Fiber-gen Instruments, Limited. New Zealand.

12:00 – 1:30 PM, **Lunch**

1:30 – 4:30 PM, **NDT Technology Demonstration-I and Poster Session**

6:00 – 8:00 PM, **Dinner Banquet**

### **August 8, Tuesday**

8:00 – 8:30 AM, **Registration**

8:30 – 9:15 AM, **“Ultrasonic timber quality management: New and Historical material”**, Dr. Jean-Luc Sandoz and Mr. Wei Wang, ConceptBoise Technologie, Switzerland.

9:15 – 10:00 AM, **“Mobile techniques and concepts for tree and timber inspection”**, Dr. Frank Rinn, RinnTech, Germany

10:00 – 10:15 AM, **Coffee Break**

10:15 – 11:00 AM, **“Acoustic tomography”**, Dr. Frank Divos, Associate professor, University of West Hungary, Hungary.

11:00 – 11:45 AM, **“Stability analysis and nondestructive evaluation of trees in urban forest”**, Dr. Bruce Allison, Registered Arborist, and President, Allison Tree Care, Inc., USA

12:00 – 1:30 PM, **Lunch**

1:30 – 4:30 PM, **NDT Technology Demonstration II and Poster Session**

6:00 – 8:00 PM, **Dinner**

### **August 9, Wednesday**

8:00 – 12:00 AM, **Tour local forest and visit the forest industrial enterprise.**

12:00 – 1:00 PM, **Lunch**

### **Post-Workshop Event**

#### **August 10, Thursday**

Visit the Research Institute of Wood Industry at Chinese Academy of Forestry in Beijing

#### **August 11, Friday**

Visit the Research Institute of Wood Industry at Chinese Academy of Forestry in Beijing



## Registration Form

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Harbin, China, August 7-9, 2006**

Please fill out this form and send it to Workshop Co-Chair Professor Lihai Wang at the following address, along with the registration fee (*write a bank check payable to Northeast Forestry University*). For timely registration, please also send an email to Professor Lihai Wang to indicate your interest in attendance, submission of a paper or a poster, and the title and abstract of the presentation.

**Professor Lihai Wang, Workshop Co-Chair  
Dean, College of Engineering and Technology  
Northeast Forestry University  
Hexing Road No. 26, Dongli District  
Harbin, China 150040**

Email: wanglihai@hotmail.com

Phone: 86-451-8219-2369

Fax: 86-451-8211-0146

Mr. \_\_\_\_ Mrs. \_\_\_\_ Ms. \_\_\_\_ Dr. \_\_\_\_

**First Name:** \_\_\_\_\_

**Last Name:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Organization:** \_\_\_\_\_

**Mailing Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Email:** \_\_\_\_\_

**Phone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_

**Title of Paper/Poster Presentation:**

\_\_\_\_\_

\_\_\_\_\_

**Abstract:** (Please attach in a separate page or send through email directly)