INTERNATIONAL ACADEMY OF WOOD SCIENCE

BULLETIN 2007-I

www.iaws.uhp-nancy.fr/

June 2007

Executive Committee

President: Xavier Deglise, Nancy
Vice-President: Frank Beall, Richmond
Secretary: Uwe Schmitt, Hamburg
Treasurer: Howard Rosen, Silver Spring
Past President: John Barnett, Reading
EXECUTIVE COMMITTEE

X. Deglise (Academy President), Chairman (2008)
F.C. Beall (Academy Vice President) (2008)
U. Schmitt (Secretary) (2008)
H. Rosen (Treasurer) (2011)
J.R. Barnett (Past President), Advisor (2008)

ACADEMY BOARD

A. Petty, Interim Chairman (2008)

K.M. Bhat (2012)
H. M. Chang (2008)
O. Faix (2010)
B. Lachenbruch (2012)
T. Higuchi (2008)
G. Jeronimidis (2012)
S. Kelley (2012)
G. Meshitsuka (2010)
K. Ruel (2010)
A. Wallis (2008)

End of terms: 1 June
Except Treasurer: 31 December

Please send correspondence to:

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Institute for Wood Biology & Wood Protection
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Fax: + 49 40 73962 499
Email: u.schmitt@holz.uni-hamburg.de

www.iaws.uhp-nancy.fr
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MESSAGE FROM THE PRESIDENT AND THE VICE-PRESIDENT

I- EVOLUTION OF THE ACADEMY

We had a successful Executive Committee meeting in Hamburg on last 7th and 8th May, at BFH, thanks to our secretary Uwe Schmitt. You will see in this report that important decisions have been made, following the changes in May 2007 in the Bylaws, and in the Constitution which was approved by the Fellows. One of the main changes will be the increase of responsibilities of the Academy Board, which will be independent from the Executive Committee and will have to elect a Chair. The Academy Board will report to the President.

II- NEW WEBSITE

The new website is now open since several months at the address: http://www.iaws.uhp-nancy.fr. Do not hesitate to log on. With your help we are trying to upgrade it as frequently as possible. We are waiting for information from you. We will change the contact page and in the meanwhile send me all the news that you want to put on the web.

e-mail: xavier.deglise@lermab.uhp-nancy.fr

Two flags appear on the first page, English, the normal language of IAWS, and French. It is the translation of the first two pages of the website. I need the help of Corresponding Fellows and Fellows to prepare the same kind of “adaptation” (translation) in Japanese, German, Swedish, Finnish, Chinese, Spanish, Portuguese, and Russian. This will give our Academy a real international character, as was suggested during our last annual meeting in Melbourne.

Very soon, on the web, you will see the final information for registration at the Kyoto 2007 IAWS Meeting and booking of hotels. As the meeting will take place late October 25-27 2007, you will also have the opportunity to go directly to the IUFRO Div V Conference which starts on 29th October.

We hope to meet you in Kyoto!

III- CHANGE IN NOMINATION PROCEDURE (very important)

The Bylaws have been changed to modify the nomination procedure. In the past, nominators were asked to discretely obtain biographical information on the nominee so that the process was confidential, and place that information in the two-page maximum format provided in the Bulletin.
In a number of cases, the information was not fully representative of the nominee, and in others, the nominator contacted the nominee and asked for the information. We also recognized that many potential nominators were not comfortable with the process and declined to participate.

To have a more uniform process, we developed and approved a new procedure:

1. Nominators submit to the President short information on the candidate. This information comprises names, contact data, and a 100-word maximum description of the candidate’s background.

2. After receipt of a nomination, the President contacts the nominee in writing to indicate that they have been identified as a potential Fellow in IAWS, provides information on the Academy, and determines if they are interested in being submitted for election. If so, they are asked to prepare the same two-page documentation that we have required in the past.

This new process is now in effect and we invite Fellows to submit nominations to the President.

On behalf of the Executive Committee and Academy Board,

Xavier Deglise, President, and Frank Beall, Vice-President

TREASURER’S REPORT (June 20, 2007)

The details of the 2006 Treasury Report are on a subsequent page. The dues have been broken down into categories and the E is for “extra” year’s payment. The net change for 2006 ($4260) was slightly more than that for 2005 ($4192) mainly because we received no bill for printing and mailing for 2006. At the end of 2006, 116 of the 137 (85%) Active and Retired Fellows were current in their dues. Besides the current $30,000 CD, we purchased one for $10,000 at 5.2% interest rate. More of our members are using PayPal to pay their dues, 47 of our members used this new credit card method in 2006. The cost for PayPal was only 5% of the revenue collected. Four of the 21 supporting members have not paid 2006 dues. We are pursing creative avenues to continue the support from these organizations.
So far in 2007, we have received payments from 15 of 25 supporting members, 41 of 50 retired members, and of 50 of 78 active members. In 2007 PayPal has already been used by 38 members.

*If you are able, please try PayPal—the process is simple and efficient.*

*Howard Rosen/Silver Spring*

**PAYPAL CREDIT CARD PAYMENT OF IAWS DUES**

*Restrictions:*

1. PayPal accepts electronic payment only from the following countries:

<table>
<thead>
<tr>
<th>Country</th>
<th>Country</th>
<th>Country</th>
<th>Country</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anguilla</td>
<td>Argentina</td>
<td>Australia</td>
<td>Austria</td>
<td>Belgium</td>
</tr>
<tr>
<td>Brazil</td>
<td>Canada</td>
<td>Chile</td>
<td>China</td>
<td>Costa Rica</td>
</tr>
<tr>
<td>Denmark</td>
<td>Dominican Republic</td>
<td>Ecuador</td>
<td>Finland</td>
<td>France</td>
</tr>
<tr>
<td>Germany</td>
<td>Greece</td>
<td>Hong Kong</td>
<td>Iceland</td>
<td>India</td>
</tr>
<tr>
<td>Ireland</td>
<td>Israel</td>
<td>Italy</td>
<td>Jamaica</td>
<td>Japan</td>
</tr>
<tr>
<td>Luxembourg</td>
<td>Malaysia</td>
<td>Mexico</td>
<td>Monaco</td>
<td>Netherlands</td>
</tr>
<tr>
<td>New Zealand</td>
<td>Norway</td>
<td>Portugal</td>
<td>Singapore</td>
<td>South Korea</td>
</tr>
<tr>
<td>Spain</td>
<td>Sweden</td>
<td>Switzerland</td>
<td>Taiwan</td>
<td>Thailand</td>
</tr>
<tr>
<td>Turkey</td>
<td>United Kingdom</td>
<td>United States</td>
<td>Uruguay</td>
<td>Venezuela</td>
</tr>
</tbody>
</table>

2. You must use one of the following credit cards: Visa, Master Card, Discover, American Express

*Directions:*

1. Go to IAWS Website: http://www.bfah.de/iaws/

2. Push on “Dues Payment” Button depending on the type of Payment:
   - Dues Active: $30
   - Dues Retired: $15
   - Dues Lifetime $400

3. First Screen –
   - You do not have to join PayPal or need a password.
   - You can use the “If you do not currently have a Paypal account” “Click Here” button or;
If you do have a PayPal account, fill in the necessary Email and password and push the “Continue” button.

4. Second Screen – Please check “shipping is not required” and push “continue” button

5. Third Screen – Type in the billing information and note that the credit “Card Type” and “Country” are restricted to those listed at the top of these directions. Be sure to fill in the security code at the bottom of the screen. Push the “Continue Checkout” button to the next screen and you are finished.

6. You should get a confirmation email from PayPal.

Howard Rosen/Silver Spring

IAWS EXECUTIVE COMMITTEE MEETING, 7-8 MAY 2007, HAMBURG/GERMANY

The meeting was called to order by President Deglise and was held at the Federal Research Centre for Forestry and Forest Products Hamburg. Fellows Deglise, Beall, Barnett, Rosen and Schmitt were present.

President Deglise opened the meeting at 13-30 h and welcomed Fellows. Secretary Schmitt reported on his recent activities in sending out Fellows election and voting materials (revised Bylaws to Board Members and revised Constitution to all Fellows; four institutions applied for Supporting Membership). Regarding approval of the Constitution, 81 Fellows responded, 80 approved the revision and there was only one abstention. Except two paper ballots, votes came in electronically. Treasurer Rosen gave an overview on the financial situation of IAWS, especially on outstanding dues, which could be reduced drastically. The Pay Pal system is working very easily so that more and more Fellows are using this way of payment (Pay Pal directions are presented in this Bulletin). President Deglise congratulated Fellow Rosen on his successful work. Details of the Treasurer’s report are outlined separately in this Bulletin.

EC discussed the revision of Academy Board organization. Since it was not practical to initially follow the new Constitution for election of a Chair of the Board, it was decided to appoint an interim Board Chair to act begin the new Board activities. President Deglise reported on his recent activities in establishing the new web page. It now works very well and can be opened under the following address:

www.iaws.uhp-nancy.fr
The old address remains linked to the new address for another few months. EC discussed future possibilities to maintain the web page, including the option of spending a certain amount of money for a responsible person at Nancy University. President Deglise was asked to contact that person to discuss details. In order to create a multilingual web page, corresponding Fellows should be asked to assist in the translation of the first two pages of the web site; the remainder will be in English.

The IAWS archive which was used by Fellow Anders Björkman during the past years until his death last year for writing the IAWS history (please visit our new web page and click on “Academy Past”) has now been transferred from Denmark to Hamburg by Fellow Walter Liese. EC decided to save important documents as electronic files. Walter Liese and Secretary Schmitt agreed to look through the material for this purpose. It was also recommended to store a complete set of Newsletters and Bulletins in one library to retain all the information about past IAWS activities. President Deglise will take responsibility to look for an adequate library.

President Deglise and Vice President Beall raised the question of establishing the approved “Certification Committee”. After a short discussion, EC recommended to assign this task to the future Board Chair, who should figure out rules for such a committee, e.g., evaluating outstanding activities in R&D and teaching programs.

Dinner by invitation of the University of Hamburg
According to the changed Bylaws, our Fellowship Subcommittee, which was a 3-member committee chaired by the Vice President, will be eliminated, with the Vice President assuming that responsibility.

Plans for the 2007 IAWS annual meeting in Kyoto are progressing very well. A preliminary program is provided separately in this Bulletin. In 2008, EC decided to hold its annual meeting in London on May 29-30 as a joint meeting between IAWS, IAWA (International Association of Wood Anatomists) and the Linnéan Society of London. For 2009, there is an option to hold it in Russia. During IAWS annual meetings, local Supporting Members should have the opportunity to describe their structure and activities. In addition, representatives of the Supporting Members should be invited by the president to participate in IAWS plenary meetings.

Vice President Beall clarified the new Fellow nomination and election procedure. Details can be found in the President/Vice President message and on the inside back cover of this Bulletin. EC endorsed the introduction of electronic balloting for election of Fellows. E-mails should then be sent directly to the Teller’s committee.

There was a short discussion on the Fellow Identification Code. It was decided that EC will revise the key words; later the secretary is responsible for creating an electronic use of such a system.
In the run-up of the IUFRO All Division 5 meeting in Taipei, IUFRO asked IAWS for sponsorship. EC decided to provide financial support with a sum of 1000 US$. This money should go to a wood scientist from a developing country to present an oral paper on an aspect of wood science at the Taipei conference. The candidate should be mutually agreed between IUFRO and IAWS. An official agreement between IUFRO and IAWS will be made with signatures of both organizations (official agreement letter published in this Bulletin).

Vice President Beall provided information on the costs for IAWS lapel pins. EC decided to order 400 with a diameter of 20mm showing the IAWS logo.

There being no other business, the meeting was closed on May 8 at 17-30 h.

_Uwe Schmitt/Hamburg_
2006 NEW LIFETIME CONTRIBUTORS

Lawrence Allen
Nam-Seok Cho
Luca Uzielli

2006 VOLUNTARY CONTRIBUTIONS

Starting in 2001, we have provided an opportunity for Fellows to make voluntary contributions to IAWS. We thank each of these for helping to further the goals of IAWS. The following Fellows have made such contributions over the past year:

Brian Butterfield
Robert Hanna
Jerry Saeman
Robert Youngs

MEMBERSHIP REPORT

The current membership status (by dues categories) is as follows:

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lifetime Contributiors:</td>
<td>98</td>
</tr>
<tr>
<td>Regular:</td>
<td>78</td>
</tr>
<tr>
<td>Retired:</td>
<td>50</td>
</tr>
<tr>
<td>Exempt:</td>
<td>53</td>
</tr>
<tr>
<td>Non-active:</td>
<td>31</td>
</tr>
<tr>
<td><strong>Total Fellows:</strong></td>
<td><strong>310</strong></td>
</tr>
</tbody>
</table>

Supporting Members: 25

Non-responsive Fellows. The Fellows listed below have not responded to correspondence and have not paid dues in over three years. If we cannot contact them or if they no longer wish to participate in IAWS, they will be listed as “suspended members.” If other members are in contact with these fellows, please encourage them to contact someone on the Executive Board of IAWS.
**Greece**
Emmanuel G. Koukios

**Japan**
Mitsuo Higuchi
Yuji Matsumoto
Keiji Takabe

**Sweden**
Tom Lindstrom

**USA**
Elisabeth A.F. Wheeler

*Howard Rosen/Silver Spring & Frank Beall/Richmond*

**IAWS EXPENSES AND REVENUES--CALENDAR YEAR 2005**

**2005 IAWS Treasury Statement ($US)**

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carryover from 2004</td>
<td>40,842.08</td>
</tr>
<tr>
<td>Wells Fargo Checking Account</td>
<td>8,812.08</td>
</tr>
<tr>
<td>Chevy Chase Account</td>
<td>2,030.00</td>
</tr>
<tr>
<td>Treasury Bank* Certificate of Deposit</td>
<td>30,000.00</td>
</tr>
<tr>
<td>*renamed Countrywide Bank</td>
<td></td>
</tr>
<tr>
<td><strong>Income</strong></td>
<td></td>
</tr>
<tr>
<td>Dues</td>
<td></td>
</tr>
<tr>
<td>Retired dues (32 + 3E)</td>
<td>525.00</td>
</tr>
<tr>
<td>Active dues (65 + 2E)</td>
<td>2,010.00</td>
</tr>
<tr>
<td>Lifetime dues (2)</td>
<td>800.00</td>
</tr>
<tr>
<td>Supporting (17 + 2E)</td>
<td>1,861.00</td>
</tr>
<tr>
<td>Donations (5)</td>
<td>55.00</td>
</tr>
<tr>
<td>Test payments for PayPal</td>
<td>15.43</td>
</tr>
<tr>
<td>Interest on CD</td>
<td>814.61</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>6,081.04</strong></td>
</tr>
</tbody>
</table>
Expenses

- Printing/mailing: 2,065.95
- Foreign bank/wire fees Chevy Chase: 188.00
- Print Checks Chevy Chase: 7.95
- PayPal Fees: 27.52
- Test payment for PayPal: 15.00
- President’s expenses: 52.00

Total: 2,356.42

Checking Balance 31 December 2005: 14,862.60

PayPal Account Balance: 171.01

CD Balance: 30,000.00

Total Balance: 45,033.61


I have examined the books of the IAWS Treasury Account for 2006 and have found all details in satisfactory order.

Robert L Youngs, Fellow, IAWS
Professor Emeritus, Virginia Tech
Date: August 18, 2006
IAWS EXPENSES AND REVENUES--CALENDAR YEAR 2006

2006 IAWS Treasury Statement ($US)

Carryover from 2005  45,033.61

Revenues
   Retired dues (42 + 12E*)  810.00
   Active dues (68 + 6E)     2,220.00
   Lifetime dues (3)        1,200.00
   Supporting (16 + 1E)     1,678.00
   Donations (2)            1314.90
   Interest on CD           67.50
   Total                    7,290.40

Expenses
   Printing/mailing          20.75
   Executive Board Travel    1,854.67
   Foreign bank/wire fees Chevy Chase  237.25
   PayPal Fees               107.89
   Academy Lectures          700.00
   Misc-Funeral wreath       109.89
   Total                    3,030.45

Income  = $7,290.40 - $3,030.45  = $4,259.95

Chevy Chase Account
   Beginning balance January 1, 2006  14,862.60
   Deposits by H. Rosen            4,196.59
   Incoming bank wires             1,128.00
   Transfer from PayPal            2,300.00
   Transfer to Countrywide Bank CD  -10,000.00
   Withdrawal - Fees               -237.25
   Withdrawal – Expenses           -2,901.81
   End Balance December 31, 2006   9,348.13
PayPal Account

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beginning balance January 1, 2005</td>
<td>171.01</td>
</tr>
<tr>
<td>Deposits (33 active, 17 retired, 2 life)</td>
<td>2445.00</td>
</tr>
<tr>
<td>Transfer to Chevy Chase</td>
<td>-2300.00</td>
</tr>
<tr>
<td>Fees</td>
<td>-107.89</td>
</tr>
<tr>
<td><strong>End Balance December 31, 2006</strong></td>
<td><strong>208.12</strong></td>
</tr>
</tbody>
</table>

Total Assets

- **CD Countrywide Bank $30,000**
  - interest paid in 2006 = $1006.86
  - renewed to 3/1/08 at 4.9%

- **CD Countrywide Bank $10,308.04**
  - interest paid in 2006 = $308.04
  - interest is accumulated
  - acquired 5/12/07 for one year at 5.2%

- **Checking + PayPal Accounts = $9,556.25**

**Total Assets = $49,864.29**

**Net change 2006 - 2005** 4830.68

*E – extra years paid by a member

I have examined the books of the IAWS Treasury Account for 2006 and have found all details in satisfactory order.

Robert L Youngs, Fellow, IAWS
Professor Emeritus, Virginia Tech
Date: February 16, 2007
LETTER OF AGREEMENT BETWEEN IAWS AND IUFRO DIVISION 5

The International Academy of Wood Science (IAWS) and IUFRO Division 5 agree to cooperate on the following:

1. IAWS agrees to act as a sponsor for the Scientist Assistance Programme (SAP) of IUFRO Division 5 Conferences in an amount to be determined by the IAWS Executive Committee.

2. IUFRO Division 5 agrees to host the Academy Lecture for IAWS at an agreed-upon time at the Division 5 Conferences.

For item 1, IAWS agrees to allocate US$ 1,000 for the Division 5 Conference at Taipei, October 29th to November 2nd, 2007, to be dispensed as partial support of a mutually agreed scientist to present an oral paper on an aspect of wood science at the conference. The following conditions have been agreed:
   1. The recipient should be mutually agreed between IUFRO SAP Committee and IAWS.
   2. The recipient must attend the Taipei conference to deliver an oral presentation.
   3. The award will be acknowledged on registration in Taipei (i.e. cash will not be sent in advance).
   4. IUFRO will recognise IAWS sponsorship in conference publicity.

For item 2, IAWS will provide IUFRO Division 5 with a flyer to be added to the registration materials to advertise the Academy Lecture and Academy Lecturer, and will provide a moderator for the session. IUFRO Division 5 will provide the meeting room and appropriate A/V equipment.

Signed on behalf of IUFRO

[Signature]
22/5/07
Dr. Dave Cown
Coordinator, IUFRO Division 5

Signed on behalf of IAWS

[Signature]
19/6/07
Prof. em. Xavier Deglise
President, IAWS
ACADEMY LECTURE WOLFGANG G. GLASSER

Presented during a special session at the Forest Products Society’s 61st International Convention, Knoxville, Tennessee/USA, June 11, 2007

Biobased Materials: The Polymer and Materials Dimension of Bioresources

Abstract
The fractionation of lignified bioresources yields constitutive components, fibers and/or polymers, which offer opportunities for the development of biobased materials. The fibers and polymers can be useful for a wide variety of materials qualified to advance the goals of a sustainable carbohydrate economy. Biobased materials, in contrast to biofuels, require the application of polymer and materials science principles. This talk focuses on examples which highlight differences, similarities and synergies between synthetic and biobased polymers and composites. Opportunities for lignin utilization in a wide range of thermosetting and thermoplastic materials (polyblends) emerged with increasing control over solubility and (melt) flowability, properties which arose as a consequence of chemical modification. Heteropolysaccharides (“hemicelluloses”) are attractive for their abundance, but their isolation options in polymeric form have proved costly. In isolated form, heteropolysaccharides have the potential of finding uses in a variety of food and biodegradable materials applications. New solvents for cellulose have opened up avenues for the development of novel regenerates, such as hydrogels and high strength fibers; and of derivatives with targetable (thermal) properties. The inherent purpose of cellulose as strength-building polysaccharide in plant tissues is best utilized in composite materials where novel approaches to the formation of interphases with (natural) matrix polymers may potentially yield composites by biomimetics.

Fellow Wolfgang Glasser (left), a pioneering scientist in wood chemistry and biobased materials, receiving IAWS Academy Lecture certificate from IAWS Treasurer, Howard Rosen.
The Executive Committee and the Academy Board have been involved in an exercise to update the constitution and by-laws of the Academy. This has been undertaken mainly to improve the process of nomination of new fellows. This will ensure that the scientific excellence of candidates is made clearer to fellows who have to decide whether to support the nomination or not. It is also intended to ensure a good geographical distribution of fellows by encouraging nominations from those countries under-represented in the academy, and to ensure that all areas of wood science are represented adequately. It is a pleasure to report that the academy now receives a steady rate of nominations of candidates for election. The academy website is in the process of being up-dated and will be online by the time this is published. It may be found directly at http://www.iaws.uhp-nancy.fr/.

Prof. Dr. John Barnett
Past President of IAWS

The past year 2006 was very important for IAWS: Fortieth anniversary of its foundation on 2 June 1966 in Paris. Establishment of successful and confident relationships between IAWS and its journal Wood Science and Technology (Past President John Barnett on the Editorial Board). The launch of new actions in the frame of the 40th anniversary: Renewal of the website to provide more information and stimulate interest in the Academy. Renewal of the procedure for the nomination/election of Fellows to render it simpler for nominators. Establishment of a new committee, the Certification Committee. Greater involvement of the Academy Board in the management of the Academy Appointment of corresponding members in countries having more than five Fellows to ensure better information transfer between the Academy and Fellows. We hope that these new actions will improve promotion of Wood Science and its Academy. We have already observed an increasing interest in IAWS from the response of Fellows to the draft of the new website. One effect has been to increase the
number of Fellowship nominations for 2007, even with the old nomination procedure. Please remember that we welcome proposals which will help the Academy to achieve its goals and increase its impact.

Prof. Dr. John Barnett and Prof. Dr. Xavier Deglise
Past President and President of IAWS

IAWS NEWS
News from the International Academy of Wood Science
Published online: 24 February 2007

2007 Plenary Meeting
Following the successful meeting in Melbourne, the 2007 plenary meeting of IAWS will take place in Kyoto from October 25 to 27, just before the IUFRO All Division 5 conference in Taipei/Taiwan (October 29–November 2). The preliminary program is as follows: 25 October: Presentations of Scientific Research and Industrial Approaches to Wood Science and Technology in Japan 26 October: Presentations, Business Meeting, Academy Lecture and Banquet 27 October: Excursion Tour The venue will be Shiran Kaikan, Kyoto University. Further information will be available on the Academy Website (http://www.bfah.de/iaws/) in due course.

New Supporting Members
Two new supporting members have been elected by the Academy Board:
• Department of Wood Science and Engineering, Oregon State University, USA
• ARBOLOR (Research organization encompassing scientists of Lorraine Institutions working on all aspects of wood science) Nancy, France.

Fellow Anders Björkman
Fellow Björkman passed away on 14 November 2006 at home in Denmark. He played a prominent role in the foundation of the Academy and in its management. He was directly active at the Executive level as President, Vice-President and Secretary-Treasurer over a period of 13 years. As President he made an effort to meet all newly elected fellows, and his contributions to the Academy meetings in recent years will long be remembered. The Academy is pleased and grateful that he found time to complete his ‘‘History of IAWS’’, an account of the founding and early years of the Academy, which is now available on the IAWS Web page. An obituary will be published in the Academy Bulletin.

Prof. Dr. John Barnett
Past President of IAWS
The 40th anniversary meeting of the International Academy of Wood Science was held in Melbourne on November 13–16, 2006 and was dedicated to Dr W. E. (Ted) Hillis who gave the Academy Lecture “Wood science in the future”. Dr Hillis is the first Fellow to be awarded a second Academy Lectureship. His excellent presentation placed the future of wood science in the context of the many achievements that form the basis of our current understanding. The theme of the meeting—“Wood Science and Technology in 2100”—was intended to invoke unrestrained speculation. The challenge was met by a very broad range of contributions by representatives of industry, government research organisations and academia. Over 40 scientists from seven countries stretched their imaginations on such diverse topics as biofuels, biotreatment, biogenesis, nanotechnology, water interactions, dendroclimatol-ogy, wood performance, measurement techniques, value-added pulp, paper and wood, and sustainable forest management. We were also treated to some very interesting highlights of the early history of the IAWS in an Australian context. Presentations, photographs and related material may be viewed on the IAWS website. “Raising the profile of wood science and technology” was the title of a forum held during the meeting. Many ideas and suggestions involving communication and education were recorded. These will be followed up preparation for the next meeting in Kyoto. It was clear from this meeting that, although the challenges we face in wood science and technology have never been greater, we need to adapt to rapidly changing environmental, social and economic circumstances to secure a healthy future for our renewable resources. It is also clear that we have not lost the necessary skill, optimism or enthusiasm.

Robert Evans, Fellow IAWS

An important contribution is made to the Academy by Supporting Members. These are educational, research, industrial or governmental organizations and individuals are actively engaged in carrying out or promoting research in wood science or the enhanced utilization of wood on the basis of scientific or technological principles and practices. Supporting Members have the privilege of designating an Affiliate (who can be a Fellow) to represent the organization in the Academy. Supporting Members have the same rights as Fellows to
Academy meetings, conferences, lectures, and other scientific or educational activities, with Supporting Members exercising the privilege through their Affiliates. At the moment, the academy has 23 supporting members whose names and affiliate representatives are listed below. Contact details are available on the Academy website www.iaws.uhp-nancy.fr/

Bundesforschungsanstalt für Forst- und Holzwirtschaft, Hamburg, Germany
   Rep: Prof. Dr. Carsten Thoroe
CIRAD (Centre de Coope´ration internationale en recherche agronomique pour le de´veloppement), Montpellier, France
   Rep: Dr. Christian Sales
College of Forestry & Wood Technology, Svolen, Slovakia
   Rep: Dr. Marian Babiak
CSIRO (Commonwealth Scientific and Industrial Research Organisation), Clayton, Australia
   Rep: Dr. Bob Shula
The Finnish Pulp and Paper Research Institute, Espoo, Finland
   Rep: Dr. Bo Hortling
Forestry & Forest Products Research Institute, Tsukuba Norin Ibaraki, Japan
   Rep: Dr. Takuoki Hisada
Forintek Canada Corporation, Vancouver, Canada
   Rep: Dr. Ian de la Roche
Fraunhofer Institute for Wood Research, Braunschweig, Germany
   Rep: Prof. Dr. Rainer Marutzky
Gesellschaft der Freunde und Förderer des Instituts für Holzforschung der Technischen Universität München, München, Germany
   Rep: Prof. Dr. Dr. habil. Drs. h.c. Gerd Wegener
Holzforschung München, München, Germany
   Rep: Prof. Dr. Dr. habil. Drs. h.c. Gerd Wegener, Director
Kyoto University, Wood Research Institute, Kyoto, Japan
   Rep: Prof. Toshiaki Umezawa
Moscow State Forestry University, Ministry of Education of the Russian Federation Moscow Region, Russia
   Rep: Prof. Dr. Viktor Sanayev
PAPRIFICAN (Pulp and Paper Research Institute of Canada), Pointe Claire, Canada
   Rep: Dr. Richard M. Berry
Scion Group, Rotorua, New Zealand
   Rep: Dr. Tom Richardson
State University of New York, Syracuse, USA
   Rep: Dr. Robert Meyer
STFI (Swedish Pulp and Paper Research Institute), Stockholm, Sweden
Rep: Dr. Peter Axegard
Taiwan Forestry Research Institute, Taipei, P.R. of China
Rep: Dr. Ying-Shen Wang (Kuo-Chuan Lin)
University of Minnesota, Department of Bio-based Products, St. Paul, USA
Rep: Dr. Shri Ramaswamy
USDA Forest Products Laboratory, Madison, USA
Rep: Dr. Chris Risbrudt
Western Indian Plywoods Ltd. Kerala, India
Rep: P. K. Mohamed
Wood Technology Institute, Poznan, Poland
Rep: Prof. E. Urbanik

Prof. Dr. Xavier Deglise
President of IAWS

NEW SUPPORTING MEMBERS

Department of Wood Science and Engineering / Oregon State University

The Department of Wood Science & Engineering is an academic unit of Oregon State University located in Corvallis Oregon in the Pacific Northwest of the United States. It is a multidisciplinary university program focused on science, technology, engineering and business practices that help society sustainably meet our needs for wood products, and help ensure the global competitiveness of our domestic industry.

Our mission includes educating new professionals in wood science and technology, fostering advanced learning for post-graduate professionals, discovering new knowledge and solving problems through research, and transferring knowledge to users and practitioners. We offer undergraduate degrees in wood science and technology and graduate degrees (MS and PhD) in wood science for a diverse student body that includes students from a dozen different countries.

The Department is one of the largest and most active wood science programs in North America with a diverse multidisciplinary faculty. Many faculty, including four IAWS Fellows are world-class leaders in their field; our facilities and equipment are among the most modern.

Our research program targets these objectives:

Expand wood science knowledge base, especially in: the relationship between silvicul
tural and environmental factors on tree growth and wood properties; manipulation of wood fiber properties for advanced composite materials.

Improve product manufacturing efficiency and adding value to forest-based products, including computer-aided manufacturing, drying efficiency, characterizing and minimizing environmental impacts of production; environmental marketing strategies.

Develop innovative new processes and products, especially with engineered wood composite materials; wood treatment methods; and by exploring the potential for useful pharmaceuticals from wood residues.

Extend the service life of wood-based products through active preservation of wood products, discovery of new biocides/treatment methods, and better understanding of the fungal biodeterioration process.

Increasing efficiency in the use of wood-based materials for engineering applications including improved engineering design methodologies to reduce costs while maintaining safety.

The Department is home to the Oregon Wood Innovation Center which is an outreach program designed to enhance private sector access to university expertise and to foster innovation in manufacturing processes, new product development and applications and competitive business practices.

Visit [http://woodscience.oregonstate.edu](http://woodscience.oregonstate.edu) for more information.
ARBOLOR – Association pour la recherche sur le bois en Lorraine

ARBOLOR is a non-profit organization founded in Nancy on the 23rd of November 1984 devoted to the promotion of Wood Science in Lorraine. Members of ARBOLOR are researchers from different laboratories working in the field of Wood Sciences in Lorraine depending from universities (Université Henri Poincaré Nancy and Université Paul Verlaine Metz), from ENGREF, the unique French forestry school (founded in 1824) and INRA (French National Institute for Agricultural Research). The aims of the association are to promote interactions and discussions between scientists through the organization of annual meetings on a regional basis and to a lesser extent on a national one, especially for the French-speaking scientific community. In addition to scientific meetings, ARBOLOR has also published some scientific documents like proceedings or books for students.

Executive committee is constituted of seven members:

Prof. P. GERARDIN, UMR_A 1093 LERMAB, UHP Nancy 1, President
Prof. P. PERRE, LERMAB, ENGREF, Vice-President
Dr. E. MOUGEL, LERMAB, ENSTIB, UHP Nancy 1, Secretary
Prof. R. KELLER, LERMAB, ENGREF, Treasurer
P. JODIN, LFM, Université de Metz
Dr. T. CONSTANT, LERFOB, INRA Champenoux
A. SHEER, GIPEBLOR

More information can be found on the following website: http://www.arbolor.uhp-nancy.fr

Most of the research activities of the members of ARBOLOR are carried out in different laboratories. The mains are:

- LERMAB (Laboratoire d’Etude et de Recherche sur le Matériau Bois), UMR 1093 located in NANCY (ENGREF), VANDOEUVRE (Faculté des Sciences et Techniques) and Epinal (ENSTIB)
22

- LERFOB (Laboratoire d’Etudes Forêt-Bois), UMR 1092, Centre INRA de Nancy, CHAMPENOUX:

website: [http://www.inra.fr/compact/nav/externe/en/unites/ecrans/1092](http://www.inra.fr/compact/nav/externe/en/unites/ecrans/1092) and
[http://www.nancy.inra.fr/lerfob](http://www.nancy.inra.fr/lerfob)

KYOTO/JAPAN

Welcome Address by the Chairman

Dear Colleagues,
I am very pleased to invite you to the International Academy of Wood Science (IAWS) 2007 Annual Meeting held in Kyoto from October 25th to 27th, 2007. Kyoto is one of the most important cultural centers in Japan. For over 1,000 years Kyoto was the capital of Japan. Twenty percent of the national treasures of Japan can be found here. The participants of the conference will enjoy the atmosphere of ancient history. Seventy percent of our land is covered with beautiful mountains and the forest vegetation is particularly rich due to the long land bounded by latitudes 46°N and 24°N from Hokkaido in the northeast to the Ishigaki-jima Island in the southwest. This natural environment stimulated the development of the so-called “culture of wood and paper” here in Japan. The conference will cover a wide range of topics in wood science and related subjects, environment, energy, materials, pulp and paper, biotechnology, wood structure and wood industry.

On behalf of the Conference Committee, I wish you a fruitful conference toward sustainable society.

Professor Fumiaki NAKATSUBO

Organizing Committee

Chairman
Fumiaki NAKATSUBO (Kyoto University, Japan)

Members
Minoru FUJITA (Kyoto University, Japan)
Akira ISOGAI (The University of Tokyo, Japan)
Shu-ichi KAWAI (Kyoto University, Japan)
Keiji TAKABE (Kyoto University, Japan)
Toshiaki UMEZAWA (Kyoto University, Japan)
Conference Details

Schedules
October 25 (Thursday)
13:00 – 14:00  Registration
14:00 – 15:00  Presentation
15:30 – 17:00  Academy lecture
October 26 (Friday)
10:00 – 12:00  Presentation
14:00 – 16:00  Presentation
16:00 – 18:00  IAWS Business Meeting
19:00 – 21:00  Banquet
October 27 (Saturday)
9:00 – 18:00  Excursion

Call for Papers
Expression of interest in presenting a paper are invited. A title and abstract (up to 300 words) should be provided. Presentation will be 20 minutes including discussion.
The deadline for abstracts is August 15, 2007. Please submit to the organizing committee: iaws2007@kais.kyoto-u.ac.jp

Examples of Topics include:
- Wood anatomy related to wood quality
- Biosynthesis of cell wall components
- Wood science for sustainable society
- Biomaterials from wood
- Biofuel from wood
- Biotechnology for pulp and paper industry
- Metabolic engineering of trees
- Sustainable management, production and utilization of forest biomass
- Trend of wood-based materials
- Timber engineering
- Trend of wood machining research
- Recent advance of cellulose and hemicellulose research

Conference Venue
The main campus of Kyoto University is located at north-east part of Kyoto city. Please visit the following web-site for directions to Kyoto University.
http://www.kyoto-u.ac.jp/english/etop2/e07-top.htm
The conference will be held at Shiran Kaikan, Kyoto University.
Excursion
The excursion will be held on Saturday. We will visit Nishi-Honganji Temple (huge wood building in Japan), Kitayama (traditional log production) and Suntory (a famous whisky distillery in Japan).

Registration and Hotel Booking
Online registration is possible at https://entry.jtb.ne.jp/me/registrye/registrye.asp?id=0846
JTB Western Japan has pre-booked rooms in selected hotels located in downtown Kyoto for participants. We recommend that you visit the above web-site and make hotel reservation. If you would not want to make registration and hotel booking online, we recommend you to fill out the form attached to this circular and forward it to JTB Western Japan by mail or fax.

For Further Information
Contact the Organizing Committee on
Email: iaws2007@kais.kyoto-u.ac.jp
Phone: +81-75-753-6239
Fax: +81-75-753-6300

Venue: Shiran Kaikan
OFFICIAL AGENT
JTB Western Japan, Corp. has been appointed as the official agent for IAWS and will handle all related
Registration, travel arrangements, including hotel accommodations.

JTB Event & Convention Sale Dept. Western Japan Regional Headquarters
Kyutaro-machi, Chuo-ku, Osaka, 541-0056 Japan
Phone: +81-6-6260-5076 Fax: +81-6-6263-0717 E-mail: westec_op7@jtb.jp

REGISTRATION FEE
JTB also accepts Registration Fee. Please fill out the application form and send it to us. Please pay your
Registration Fee by your Credit Card.

<table>
<thead>
<tr>
<th></th>
<th>Early Registration until 31 July</th>
<th>Late Registration from 1 August</th>
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</thead>
<tbody>
<tr>
<td>Regular Registration</td>
<td>JPY 45,000</td>
<td>JPY 55,000</td>
</tr>
<tr>
<td>Banquet for accompany person</td>
<td>JPY 10,000</td>
<td></td>
</tr>
<tr>
<td>Excursion for accompany person</td>
<td>JPY 10,000</td>
<td></td>
</tr>
</tbody>
</table>

Deadline for On-line Registration: September 28

*You can register at the congress secretariat at the Venue, too.

Regular registration includes proceedings, banquet, excursion and coffee breaks.

Cancellation: Pre-registered participants who are unable to attend the meeting will have their fees returned
(except for handling fees), if a written notice of cancellation is provided before October 10, 2007.

HOTEL ACCOMMODATIONS
JTB has booked hotels in Kyoto during IAWS period. Reservations will be made on a first-come, first-
served basis. Please indicate your order of preference in the application form. If your desired hotel is fully
booked, we will reserve your second choice or same grade hotel.

<table>
<thead>
<tr>
<th>Name of Hotel</th>
<th>Room Charge (yen) / night for one room</th>
<th>Access from nearest Sta.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Single</td>
<td>Twin</td>
</tr>
<tr>
<td>Grand Prince Hotel Kyoto</td>
<td></td>
<td>JPY 26,000</td>
</tr>
<tr>
<td>New Miyako Hotel</td>
<td></td>
<td>JPY 22,000</td>
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<tr>
<td>Hotel Harvest Kyoto</td>
<td>JPY 14,700</td>
<td>-</td>
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<tr>
<td>Kyoto Tower Hotel</td>
<td>JPY 12,000</td>
<td>-</td>
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<tr>
<td>Holiday Inn Kyoto</td>
<td>JPY 11,000</td>
<td>-</td>
</tr>
<tr>
<td>Hotel Oaks Kyoto Shijo</td>
<td>JPY 8,505</td>
<td>-</td>
</tr>
<tr>
<td>Court Hotel Kyoto Shijo</td>
<td>JPY 6,825</td>
<td>-</td>
</tr>
<tr>
<td>APA Hotel Kyoto&lt;Ekimae&gt;</td>
<td>JPY 8,400</td>
<td>-</td>
</tr>
<tr>
<td>Kyoto Dai-ichi Tower Hotel</td>
<td>JPY 6,800</td>
<td>-</td>
</tr>
</tbody>
</table>

Note: Room rates include tax and service charge, not breakfast.

APPLICATION AND PAYMENT
Participants wishing to register and/or reserve hotel accommodations and tours should complete the
Application Form and return it to reach JTB no later than September 28, 2007. Application should be
accompanied by Credit Card information. No reservation will be confirmed in the absence of this
information. After determination of your hotel, we will send you Payment Details. And after you confirm it,
we will draw the total amount from your credit card.

Personal checks NOT accepted. All payment must be in Japanese yen.
The following credit cards are acceptable: 1. MasterCard, 2. Diners Club, 3. Visa Card, 4. AMEX

CANCELLATION
In the case of cancellation, written notification should be sent to JTB. The following cancellation fees will
be deducted before refunding.

<table>
<thead>
<tr>
<th>Hotels:</th>
<th>Tours:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up to 9 days before the first night of stay</td>
<td>None</td>
</tr>
<tr>
<td>2 to 8 days before</td>
<td>Prior to starting time, or failure to show without notice</td>
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<tr>
<td>Less than 2 days</td>
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International Academy of Wood Science 2007 Annual Meeting
Kyoto, Japan, October 25—27, 2007
APPLICATION FORM FOR REGISTRATION, HOTEL and Tour

Please complete and return this form to:
JTB Event & Convention Sale Dept. Western Japan Regional Headquarters
Kyutaro-machi, Chuo-ku, Osaka 541-0056 Japan, Phone: +81-6-6260-5076, Fax: +81-6-6263-0717
E-mail: westec_op7@jtb.jp
Deadline for Early Registration: 15 August
Deadline for Online Registration and Hotel/Tour reservation: September 28, 2007
(You can register on site, too. https://entry.jtb.ne.jp/me/registrye/registrye.asp?id=0846)
(please type or print in block letters and check appropriate boxes.)

FULL NAME:  □ Prof. □ Dr. □ Mr. □ Ms.
Family name Given name

ORGANIZATION: ____________________________________________________________

FULL ADDRESS:  □ Office □ Home ______________________________________________

Postcode:  ___________________________  Country:  ________________________________

Phone:  +  Fax:  +  E-mail: _____________________________________________________

Name of Accompanying Person(s), if any: □ Mr. □ Ms.
Family name Given name

REGISTRATION (1)

<table>
<thead>
<tr>
<th></th>
<th>Early Registration until 15 August</th>
<th>Late Registration from 16 August</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regular Registration</td>
<td>□ JPY 45,000</td>
<td>□ JPY 55,000</td>
</tr>
<tr>
<td>Banquet</td>
<td>□ JPY 10,000× person(s) =</td>
<td></td>
</tr>
<tr>
<td>Excursion</td>
<td>□ JPY 10,000× person(s) =</td>
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</table>

HOTEL ACCOMMODATIONS (2+JPY420)
Notice: In order to make your hotel reservation, a full deposit and handling charge of JPY420 (including tax) per room will be necessary.

<table>
<thead>
<tr>
<th>Hotel</th>
<th>Number of room(s)</th>
<th>Period of stay</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st choice</td>
<td>Twin(s)</td>
<td>Check in __ October</td>
</tr>
<tr>
<td>2nd choice</td>
<td>Single(s)</td>
<td>Check out __ October</td>
</tr>
</tbody>
</table>

OPTIONAL TOURS (3)

<table>
<thead>
<tr>
<th>Date</th>
<th>Course number</th>
<th>Fare</th>
<th>Number</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>__ October</td>
<td>__</td>
<td>JPY ____ × Person(s) = JPY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>__ October</td>
<td>__</td>
<td>JPY ____ × Person(s) = JPY</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Grand Total (1)+(2+JPY420)+(3) = JPY

□ Credit card: □ AMEX □ VISA □ MasterCard □ Diners Club

Card number: _____________________________________________________________

Name of card holder: ________________________________  Expiration date: ____________

Authorized signature:

Notes:  1. Personal checks are NOT accepted.  2. All payment must be in Japanese Yen.

Date: ____________________________  Signature: ____________________________

(This application will become valid upon receipt for confirmation from JTB.)
OPTIONAL TOURS

**OP-1  Kyoto Morning**
Daily  08:45 – 12:40 Fee: JPY 5,600
* Nijo Castle, once used as the Tokugawa Shogun’s family palace
* Golden Pavilion, a gilded structure, originally a nobleman’s villa
* Kyoto Imperial Palace, a former residence of the Imperial family (on Sat., Sun. & national holidays: see Higashi Honganji Temple instead)
* Kyoto Handicraft Center to see demonstrations by skilled craftsmen
Tour disbands on arrival at the Handicraft Center. Sending services to major hotels in Kyoto are offered by Handicraft Center.

**OP-2  Kyoto Afternoon**
Daily  13:40 – 17:30 Fee: JPY 5,600
* Heian Shrine, Graceful old court life is reflected in the brightly colored shrine with its vermillion pillars and green roof, and in its enchanting inner gardens and ponds.
* Sanjusangendo Hall, A renowned long wooden hall housing all of 1,001 statues of Kannon that date back to the 13th century.
* Kiyomizu Temple, A quaint old lane lined with pottery shops leads to the temple. Enjoy a sweeping view of the entire city from its lofty terrace.

**OP-3  Kyoto 1 Day**
Daily  08:45 – 17:30 Fee: JPY 11,600
* AM: Kyoto Morning
* Lunch at Kyoto Handicraft Center
* PM: Kyoto Afternoon

**OP-4  Nara Afternoon**
Daily  13:40 – 19:00 Fee: JPY 6,600
* Todaiji Temple, the world’s largest wooden building that houses the 50-feet-high Great Budha
* Peaceful Deer Park, where many tame deer roam the grounds
* Vermillion-hued Kasuga Shrine with its thousands of lanterns
* Countryside drive, an informative junket to Nara and return

**OP-5  Kyoto & Nara 1 Day**
Daily  8:45 – 19:00 Fee: JPY 12,600
* AM: Kyoto Morning
* Lunch at Kyoto Handicraft Center
* PM: Nara Afternoon

**Assembly Place**: Every tour starts from New Miyako Hotel.
UPCOMING MEETINGS OF INTEREST TO FELLOWS

July 16-20, 2007: IAWA Meeting in San Luis Potoso/Mexico
The American Regional Group of IAWA is planning a conference in the city of Oaxaca, Oaxaca State, Mexico in the summer of 2007, from 16-20 July. This meeting will be a great opportunity to discuss traditional topics on wood anatomy and new insights of molecular and nanotechnologies. The meeting will be organised by various institutions in Mexico as Universidad Nacional Autonoma de Mexico, Universidad Autonoma de San Luis Potosi and the Instituto de Ecologia, A.C.. The Pan-American IAWA Regional Group meeting will serve as an international forum for the exchange of knowledge and experience in a wide variety of fields, including general wood anatomy and identification, wood formation and cambial activity, wood anatomy in relation to climate and ecology, paleobotany, tree ring analysis, and wood quality research. New developments in the areas of nanotechnology including recent advances in microscopy and molecular biology are pushing the frontiers of wood anatomy. Participants will have the opportunity to discuss their recent research progress, exchange information and develop collaboration. E-mail: iawa@ibiologia.unam.mx
www.ibiologia.unam.mx/barra/congresos/iawa/index.html

see announcement in this Bulletin !!!!

The Cellulose Society of Japan invites all scientists interested and involved in various aspects of cellulose and related polysaccharides to the 2nd International Cellulose Conference to be held in 2007 in Tokyo. The ICC 2007 is continuation of the 1st International Cellulose Conference, 2002, in Kyoto. The aim of the conference is to bring together scientists working on this sustainable and most promising biomaterial for the 21st century.
Contact: Prof. Shigenori Kuga. E-Mail: skuga@sbp.fp.a.u-tokyo.ac.jp

October 29-November 2, 2007: IUFRO ALL-Division-5 Conference „Forest Products and Environment - A Productive Symbiosis“, Taipei, Taiwan.
Forests play a vital role for rural as well as urban populations all over the world. Forest resources are essential in providing multiple benefits to people and communities. The conservation and sustainable management of forest are closely linked with global issues such as food supply and environmental protection. Scientific knowledge is needed
to effectively address these issues globally and regionally and to provide the basis for political and commercial decisions. Close international cooperation in forest sciences and related disciplines, including efficient conversion to necessary forest products is required to enable forests to satisfy the manifold human needs on a sustainable basis. This conference, mainly sponsored by IUFRO and IUFRO D5, will serve as a forum for the exchange of knowledge and experience in forest products research at national and international levels. Participants will discuss recent research progress, exchange information and collaborate on research related to the conference theme of „Forest Products and Environment - A Productive Symbiosis“.

The major topics to be discussed are:

- Wood quality
- Physicomechanical properties of wood
- Wood-based materials and their applications
- Wood protection
- Wood processing
- Composites and reconstituted products
- Properties and utilization of plantation wood
- Energy and chemicals from forest biomass
- Forest products marketing and business management
- Non-wood forest products
- Sustainable utilization of forest products
- Forest products education

Contact: Susan Shiau, 53 Nan Hai Road, Taipei 10066, Taiwan, e-mail: susanshiau@tfri.gov.tw
GUIDELINE FOR HIGHLIGHTS

The purpose of the Highlights, published in the Bulletin, is to promote the integration of the fields of wood science. Fellows are encouraged to submit Highlights to any of the Officers!

Highlights should:

* be free of jargon and highly technical language and (unexplained) acronyms, and be readily understood by wood scientists in other fields

* be no more than 1000 words (roughly 4 pages in the Bulletin)

* begin by providing a brief background or framework to put the report in perspective

* give due credit to the work of others in the field, not just summarize the author’s work

* contain important references to the literature for further reading

* finish with a statement of future directions in the area
Nomination for Fellowship of the International Academy of Wood Science

Name of Candidate:      Name of Proposer:

E-mail:                 E-mail:

Date:                   Date:

Contact Data:
(Current E-mail is a strict minimum!)

Candidate’s Background (maximum 100 words):
IAWS

www.iaws.uhp-nancy.fr/