

spatial wood structures

SWS 2002

international colloquium
22-23 august 2002
university of surrey
guildford, uk



IASS WORKING GROUP 12
SPATIAL WOOD STRUCTURES

www.nottingham.ac.uk / iass-wg12

Objectives

As architects and engineers become more aware of the importance of sustainability in construction, interest in the use of wood as a renewable structural material is on the increase. This renewed interest in timber has spread from its more traditional use in relatively small scale buildings to the development of new structural archetypes for medium to long-spans. This colloquium will offer a forum for the interchange of ideas between designers and researchers in the field of engineering and architecture of spatial wood structures.

Colloquium Themes

Within the general context of timber as a structural material the types of spatial structure that might be considered are domes, space frames and grids, shells, grid shells and hybrids.

Particular themes to be addressed by the colloquium are:

1. Development of products/processes that enhance the performance of natural timber for use in spatial structures
2. Innovative timber forms
3. Historical spatial wood structures
4. Aspects of design, analysis and construction
 - form-finding
 - jointing
 - fabrication and erection

Call for papers

Prospective authors are invited to submit abstracts for papers on the above themes to the colloquium secretariat. The abstract should include the full postal address, E-mail address, fax and telephone numbers for the contact author and should not exceed one page in length. E-mail submissions are preferred.

Timetable

Receipt of abstracts	31 October 2001
Notification of acceptance	31 December 2001
Submit final paper	1 March 2002
Notification of final acceptance	30 April 2002

Location

The colloquium will be held at the University of Surrey, Guildford, UK.

International Scientific Committee

Esteemed experts in the field of timber structures are currently being invited to join an International Scientific Committee to review submitted abstracts and papers. A full list of committee members will appear on the colloquium website and in subsequent announcements.

Language and Proceedings

The official language for THE COLLOQUIUM IS ENGLISH. ALL PAPERS SHOULD BE written and presented in English. Proceedings, that will be available at the time of registration, will contain only papers to be presented at the colloquium.

Provisional Colloquium Programme

Thursday 22 August, 2002

- Registration, plenary opening and technical sessions
 - Technical tour and Evening reception
- ### *Friday 23 August, 2002*
- Technical sessions
 - Plenary closing session.

The colloquium has been arranged to follow the Fifth International Conference on Space Structures, which is being held at the University of Surrey from 19-21 August 2002. This will allow delegates to attend both meetings, with a discounted registration fee.

Sponsorship

Sponsorship is currently being sought to permit an exhibition to accompany the Colloquium and to subsidise the attendance of students.

Registration fees:

Spatial Wood Structures Colloquium

Payment	Before	After
	May 31, 2002	May 31, 2002
IASS Members	£180	£225
Non-members	£225	£255
Students	£60	£75

Full registration fees will cover one copy of the Proceedings, participation in all sessions, coffee breaks, lunches, the evening reception and the technical tour. Student registration will include one copy of the Proceedings and participation in all technical sessions.

Fifth Space Structures Conference + Spatial Wood Structures Colloquium

Payment	Before	After
	May 31, 2002	May 31, 2002
IASS Members	£630	£705
Non-members	£675	£735

Delegates with joint registration will receive the proceedings of both the conference and colloquium and will be able to participate fully in both events.

Accommodation

Accommodation will be available on the University of Surrey campus. For those preferring hotel accommodation, contact details and typical room prices will be published on the colloquium website.

for more information about the colloquium and the working group, visit our web site:

www.nottingham.ac.uk / iass-wg12

Organising Committee

J. C. Chilton (Chairman, Nottingham)
J. Chen (Nottingham)
D. R. Griffiths (Surrey)
T. Devulder (Nottingham)
R. Velasco (Nottingham)
A. Elnokaly (Nottingham)

Abstracts and all other correspondence

IASS - SWS 2002 Secretariat - c/o Dr. John Chilton
School of the Built Environment
University of Nottingham / University Park
Nottingham NG7 2RD, United Kingdom
Tel: +44 (0)115 951 3168 Fax: 951 3159
E-mail: sws2002@nottingham.ac.uk

Registration only

Dr P Disney
Department of Civil Engineering
University of Surrey
Guildford
Surrey GU2 7XH, United Kingdom
Email P.Disney@surrey.ac.uk