Wood Technology Society

A look back at 2017
WTS 2017

- Newport and District Materials Society, Cardiff - JHP
- TJ Talking Timber articles

<table>
<thead>
<tr>
<th>When</th>
<th>What</th>
<th>Who</th>
</tr>
</thead>
<tbody>
<tr>
<td>December 2016</td>
<td>Wood Science for Christmas</td>
<td>John Park</td>
</tr>
<tr>
<td>January</td>
<td>Modifying wood introduction</td>
<td>Graham Ormondroyd</td>
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<tr>
<td>February</td>
<td>Taking Care – Property Care Assn</td>
<td>James Berry</td>
</tr>
<tr>
<td>March</td>
<td>Identification</td>
<td>Gervais Sawyer</td>
</tr>
<tr>
<td>April</td>
<td>Wood-plastic composites</td>
<td>Morwenna Spear</td>
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<tr>
<td>May</td>
<td>Wood Science for the wrong reason</td>
<td>John Park</td>
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<tr>
<td>June</td>
<td>Cross-laminated Timber</td>
<td>Martin Ansell</td>
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<tr>
<td>July</td>
<td>Timber grading</td>
<td>Daniel Ridley-Ellis</td>
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<td>August</td>
<td>It’s not rocket science – EU CPR</td>
<td>John Park</td>
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<tr>
<td>September</td>
<td>Agents never die!</td>
<td>Andrew True</td>
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<tr>
<td>October</td>
<td>Relationship between wood and wool</td>
<td>John Park</td>
</tr>
<tr>
<td>November</td>
<td>Is wood ‘fireproof’?</td>
<td>Jim Coulson</td>
</tr>
<tr>
<td>December</td>
<td>A Christmas yule remembered!</td>
<td>Graham Ormondroyd</td>
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2017

• Newport and District Materials Society, Cardiff - J HP
• TTJ Talking Timber articles
• Web site continued development – AT
• International Wood Products Journal - GS
• Talking Heads - KP
• V&A Plywood Story guided tour - EL
• Teesside - Joint event with IStructE - IT
• Scotland - Joint event with Strategic Integrated Research in Timber Group held at CSIC – DR-E, AG
• IOM3 Awards – AT, GS
• WTS YouTube channel – DR-E
• BWF Members day – GO
IOM3 Awards

• Andrew True – Outstanding Contribution Award
  “For members who have made a prolonged and major contribution to the Institute's core activity.”

• Gervais Sawyer – T.P. Marsden Professional Medal
  “A premier award in recognition of services to the profession or to the Institute, its objectives and organisation over a period of not less than 20 years by a member who has not been recognised by the Institute in other ways”
Andrew True

- for time-honoured service, originally with the IWSc, which included serving on the Membership Committee from 2000; President for three years of ‘The Wood Forum’ a keenly supported, through the 1970s and 1980s, London-based trade and industry discussion group but it was in the role of WTS Chairman – during which time he was the first holder of that office since the affiliation of the former IWSc with IOM3 to fully embrace the ethos of the IOM3 – that Andrew’s contribution has been particularly transforming.
Gervais Sawyer

• in part in recognition of his commitment over 30 years to promoting, in his own inimitable style, careers in wood with his almost single-handed attendance at careers and other fairs and shows to which he regularly transports 80kg of concrete pavers in order to demonstrate the extraordinary strength of wood in tension in addition to his other wealth of interactive exhibits, which he has put together himself, that captivate audiences of pupils, parents and teachers alike.
Gervais Sawyer

- His Schools Outreach Programme 2017
  - Canterbury
  - Brighton Bright Sparks Science
  - Margate
  - Canterbury
  - Birchington
  - Broadstairs
  - Harrogate - a three day project. See my YouTube channel for how primary school children got their teacher out of jail with a bit of wood science.
  - The Weald Woodfair. A four day project introducing the public to wood under the microscope. I spent some of my Marsden Award prize money on a very posh pop-up gazebo which is my mobile science laboratory. If anybody wants to borrow it, just say.
  - Tunbridge Wells
  - Bracknell.
  - Heme Bay
  - Sunningdale
  - Brighton Bright Sparks ....... there will be more to come.
• He has started the project to catalogue the IWSc Journal 1958 to 2004. (*The one exception!*)

“I have a space and computer at IOM3. It is taking longer than I anticipated because a lot of the articles are SO interesting. I have a Tuesday afternoons routine. If anybody has time available please help. It is really quite enjoyable. In the next couple of years, all the journals will be scanned in.”
# WTS Membership

<table>
<thead>
<tr>
<th>WTS Preferred Technical Division</th>
<th>Count of Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MEMBERSHIP GRADE</strong></td>
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<tr>
<td>AFFILIATE OVER 28</td>
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<tr>
<td>AFFILIATE UNDER 28</td>
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<td>UNDERGRADUATE STUDENT</td>
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<tr>
<td>POST GRADUATE STUDENT</td>
<td>11</td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td><strong>255</strong></td>
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2016
## WTS Membership

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<tr>
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<tr>
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<td>FELLOW (FIMMM)</td>
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<td>HONORARY FELLOW (HONFIMMM)</td>
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<td>POSTGRADUATE STUDENT</td>
<td>30</td>
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<tr>
<td>Grand Total</td>
<td>226</td>
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2017
1956-2009

• Institute of Wood Science
  o Incorporated December 1955
    • For the best part of half a century the IWSc was a body which commanded the highest respect throughout the timber trade and industries was actively supported by senior trade representatives and which set success at a high level of academic achievement as a requirement for professional membership which was highly regarded by employers and employees alike. And then it wasn’t.

• Wood Technology Society
  o First meeting of IWSc/WTS 27 August 2009
    • For the best part of a decade support from the trade and industries has continued to be conspicuous by its absence but the desire in many sectors for wood knowledge has returned and is growing.
    • Increasing uptake of IOM3 and independent wood technology and wood science courses at Levels 2,3,4 and now 6.
WTS is …

... not the IWSc
... in a different era
... about recognising the differences
... about embracing the change
... a ‘board’ of dedicated individuals from the young to the variously ageing and retired or soon-to-be retired doing all of this voluntarily, with thanks to employers in some cases allowing them to do it, and receiving little by way of recognition from membership other than the occasional derisory comment.
WTS is …

… a ‘board’ of dedicated individuals in need of new members with a pro-active employer who will empower their WTS involvement.
Who will empower their WTS involvement?

“Would really like to come some time to understand better how things are going …”
Empower their WTS involvement ...

... but time is difficult these days.”

Hurdle number 1!
“What can WTS offer”

- The WTS is a vibrant community of wood technologists from all sides of the timber industry and related activities. Members are invited to join an increasing number of talks and events dotted across the UK. Members also receive the WTS Newsletter (with updates relevant to the industry), the International Wood Products Journal (a scientific publication specifically on wood science and technology), and Materials World the IOM3 publication.

That will never be enough ...
Wood Technology Society

... but time is difficult these days
With Time Scant

• Easy – moderate and under our control
  o Talking Timber TJ Articles
  o Seminars - architects and other audiences
  o Web site
  o WTS YouTube
  o Social media generally
  o Timber 2018 - GO

• Moderate – difficult but under our control
  o Creating the interest

Hurdle number 2
With Time Scant

- Moderate - difficult and outside our immediate control
  - Industry Affiliate Scheme
  - Web site

Hurdle number 3
Industry Affiliate Scheme

- Few affiliate members
- IAS of no benefit to wood-related companies
- Members are anonymous
  - Whenever has a wood industry supporter wished to remain anonymous when paying for the privilege?

- **Overcoming IOM3’s data protection paranoia!**
  - To give corporate IAS members something of value to them
  - An easily accessed presence via the WTS homepage with a
  - Link through to their web site
  - Opportunity for IAS member monthly profile
  - Product search option to corporate member listing
thinking

THE BOX
Wood Technology

What and how important is it?
And the bigger picture!
Wood Technology

- A disruptive technology may force companies to alter the way that they approach their business, risking losing market share or risk becoming irrelevant.

Wood has been affected by disruptive technology since the stone age! Circa 1952 plastic was introduced into the construction industry!
With Tide Slowly turning

• A disruptive technology may force companies to alter the way that they approach their business, risk losing market share or risk becoming irrelevant.

• Plastic not quite so fantastic

What wood and wood-based products did plastic replace?
  o answers on a post-card please to:
  o there’s an opportunity to get schoolchildren thinking!

Now, about education
Education in the round!

I keep six honest serving-men
(They taught me all I knew);
Their names are
What and
Why and
When and
How and
Where and
Who.

Creating interest!
I KEEP six honest serving-men
(They taught me all I knew);
Their names are What and Why and When
And How and Where and Who.
I send them over land and sea,
I send them east and west;
But after they have worked for me,
I give them all a rest.

I let them rest from nine till five,
For I am busy then,
As well as breakfast, lunch, and tea,
For they are hungry men.
But different folk have different views;
I know a person small—
She keeps ten million serving-men,
Who get no rest at all

She sends'em abroad on her own affairs,
From the second she opens her eyes—
One million Hows, two million Wheres,
And seven million Whys!
Audience Participation!

WHO

Schools... I know a person small ...

Trade

WHO

Industry

WHERE

WHAT

WHY

HOW

WHEN
Government Green Paper

Building Our Industrial Strategy

- received over 2,000 responses including that prepared by Iain McIlwee on behalf of the CTI.

Industrial Strategy: building a Britain fit for the future

White paper Published very fortuitously on 27 November 2017!
Industrial Strategy

From Iain McIlwee:
• What are the innovations in materials and what is driving them?
• What processing technologies will be disruptive?
• What innovations in the supply chain will have biggest impacts?
• Where is the competition to timber coming from?

The Wood Technology Society as the shop window and showcase for new (disruptive) wood technologies? Not to mention wood science for the wrong reason!
Wood Technology

What and how important is it?
And the bigger picture!
Wood Technology Society

What and how important is it? And the bigger picture!
Audience Participation!

- **WHO?**
  - Schools
  - Trade
  - Industry
  - Decision Makers

- **WHAT?**

- **WHY?**

- **WHEN?**

- **WHERE?**

- **HOW?**
WHERE?

At the forefront, where to be seen to be is seen to be, well ... 

... the place to be seen!

Where wood is the future! COOL!
And in conclusion

No matter how glorious those IWSc halcyon days we can no longer afford to waste time looking back*; our past was a time of different people with different ideas and different values, different technologies and different commercial pressures and over what and who we can now have no influence, because they’ve gone.

On the other hand, now is tomorrow ... and we are the Wood Technology Society