



# Members' Conference 2010

## Programme

### FRIDAY

	<b>Arrivals and registration</b> - in WISE Reception		
15.00 – 18.00	<p style="text-align: center;"><b>Short films</b> - in the WISE Sheppard Theatre</p> <p style="text-align: center;">As you arrive for the weekend, you can explore the CAT visitor centre or relax in our beautiful rammed earth lecture theatre as we show a series of short films related to CAT's work.</p>		
19.00 – 20.00	<b>Dinner</b> - in the WISE Restaurant		
20.15 – 21.00	<p style="text-align: center;"><b>Welcome to CAT</b> - in the WISE Sheppard Theatre</p> <p style="text-align: center;">CAT Director Paul Allen welcomes you to the 2010 Members' Conference with an update on recent projects and campaigns.</p>		
21.00 – 22.30	<p style="text-align: center;"><b>Rebecca Sullivan</b> - in Donnelly's Bar</p> <p style="text-align: center;">Rebecca has sung and strummed her way around the UK folk music scene for almost a decade. She brings a rhythmic-yet-rolling style to her collection of Welsh, Spanish and French music.</p>		

### SATURDAY

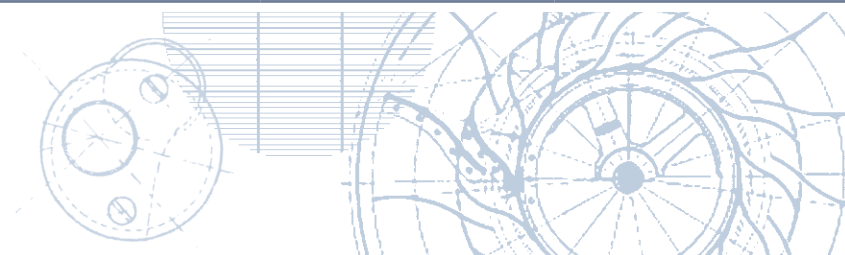
08.00 – 09.00	<b>Breakfast</b> - in the Restaurant		
09.15 – 10.00	<p style="text-align: center;"><b>Welcome to WISE</b> - in the WISE Sheppard Theatre</p> <p style="text-align: center;">WISE architect, Pat Borer, introduces us to the building and explains some of the decision-making behind key architectural features.</p>		
10.00 – 11.00	<p style="text-align: center;"><b>The WISE building Q&amp;A</b></p> <p style="text-align: center;">The WISE Sheppard Theatre</p>	<p style="text-align: center;"><b>Gardens and outdoor spaces</b></p> <p style="text-align: center;">The John Willmer Room</p>	<p style="text-align: center;"><b>Choosing environmental building materials</b></p> <p style="text-align: center;">The Dulas Room</p>
11.00 – 11.30	<b>Break - tea &amp; coffee</b> in Donnelly's Bar		
11.30 – 12.30	<p style="text-align: center;"><b>The WISE building Q&amp;A</b></p> <p style="text-align: center;">The WISE Sheppard Theatre</p>	<p style="text-align: center;"><b>Gardens and outdoor spaces</b></p> <p style="text-align: center;">The John Willmer Room</p>	<p style="text-align: center;"><b>Hemp and binder research at CAT</b></p> <p style="text-align: center;">The Dulas Room</p>
12.30 – 13.30	<b>Lunch</b> - in the WISE Restaurant		
13.30 – 14.00	<b>Group pictures</b> - in the WISE Sheppard Theatre		

## SATURDAY continued

14.00 – 15.30	<b>Tour: Behind-the-scenes in WISE</b> Meet in the WISE foyer	<b>Tour: Explore CAT's gardens</b> Meet in the WISE foyer	<b>Tour: Sustainable energy at CAT</b> Meet in the WISE foyer	<b>Talk: zerocarbonbritain 2030</b> The John Willmer Room
15.30 – 16.00	<b>Break - tea &amp; coffee</b> in Donnelly's Bar			
16.00 – 18.00	<b>Members' presentations</b> - in the WISE Sheppard Theatre Topics and speakers to be confirmed			
18.00 – 19.00	<b>Dinner</b> - in the WISE Restaurant			
19.00 – 21.00	<b>Late openings for members</b> - Info Desk and Shop Explore the CAT gift shop at your leisure and take advantage of a special 10% discount on all products. Or pop to our Info Desk for inspiration and advice			
20.30 – 23.00	<b>The CAT Ceilidh</b> - in the WISE Restaurant Back by popular demand: the traditional CAT Ceilidh! Or twmpath, as we call it in Wales. Grab a partner and let loose as we dance the night away...			

## SUNDAY

08.00 – 09.00	<b>Breakfast</b> - in the Restaurant			
09.15 – 10.45	<b>Tour: Behind-the-scenes in WISE</b> Meet in the WISE foyer	<b>Tour: Explore CAT's gardens</b> Meet in the WISE foyer	<b>Tour: Sustainable energy at CAT</b> Meet in the WISE foyer	<b>Talk: zerocarbonbritain 2030</b> The John Willmer Room
10.45 – 11.15	<b>Break - tea &amp; coffee</b> in Donnelly's Bar			
11.15 – 12.30	<b>Panel Q&amp;A</b> followed by an open discussion - in the WISE Sheppard Theatre Barry Bate, Peter Gurr, Phil Horton and Paul Allen. Chair: Tanya Hawkes. Your chance to meet CAT's new management team, ask questions and discuss the issues raised over the course of the weekend.			
12.30 – 13.00	<b>Children's presentation and round-up</b> - in the WISE Sheppard Theatre Paul Allen rounds off the weekend and the junior conference-attendees give us the low-down on what they've been up to all weekend.			
13.00 – 14.00	<b>Lunch</b> - collect your lunch from the WISE Restaurant			
14.00	<b>Conference closes</b>			



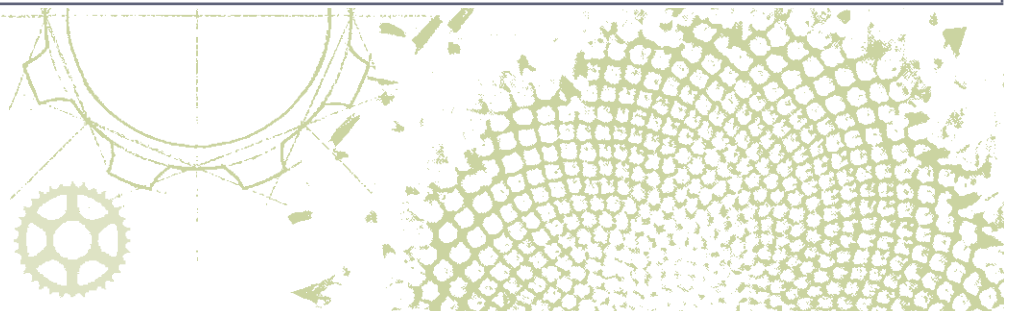
Reserve your place today – book online or call **Catriona** on **01654 704956**.

## SEMINAR CHOICES

<p><b>The WISE building Q&amp;A</b></p>	<p>Hear the story behind the building and find out what WISE means for CAT. With Phil Horton (WISE Project Manager), Danny Harris (Assistant Project Manager), Tanya Hawkes (Funding and Development Director), Deborah Sale (WISE Events Manager), Barry Bate (Information and Education Coordinator).</p>
<p><b>Gardens and outdoor spaces</b></p>	<p>A look at the WISE gardens and courtyards, exploring garden design principles and showing how you can use similar techniques in your own garden. Including a historical perspective on the development of CAT from slate to soil. With CAT pioneer Peter Harper.</p>
<p><b>zerocarbonbritain2030</b></p>	<p>Paul Allen gives us an overview of the findings and recommendations from zerocarbonbritain2030 – a new energy strategy. Includes an update on how the report has been received by policy-makers and industry, and how you can get involved.</p>
<p><b>Choosing environmental building materials</b></p>	<p>An overview of the factors that need consideration when deciding which building material to use, with Graduate School of the Environment Lecturer, Ranyl Rhydwen.</p>
<p><b>Hemp and binder research at CAT</b></p>	<p>Ranyl Rhydwen introduces us to the research and preliminary results from various on-going hemp and lime projects here at CAT, including the WISE walls, Cottage 2 and work from the lab!</p>

## TOUR CHOICES

<p><b>Behind-the-scenes in WISE</b></p>	<p>Phil Horton and Danny Harris, the WISE project team, give you an inside look at the methods, materials and systems that make up the WISE building, sharing tales of trials and triumphs along the way.</p>
<p><b>Gardening at CAT</b></p>	<p>A walk around the gardens for those with little or no gardening knowledge. The ecological impact of gardens – negatives and positives. How we garden at CAT – soil care, composting, pest control, weeds, wildlife. With CAT gardeners, Chloe Ward and Roger McLennan.</p>
<p><b>Sustainable energy at CAT</b></p>	<p>A behind-the-scenes look at CAT's new energy systems, including the unique microgrid system, which allows us to connect and disconnect from the National Grid, and our innovative combined heat and power (CHP) unit. With CAT engineers, Jaise Kuriakose and Mike Jollands.</p>
<p><b>Hobby allotments</b></p>	<p>CAT's new Hobby Allotment garden demonstrates the importance of biodiversity, showing what home-gardeners can do to promote and protect biodiversity in their own gardens. With CAT gardener, Angela Paxton.</p>
<p><b>Forest gardening and fruit growing</b></p>	<p>A look at CAT's new forest garden, discussion of the technique, and its potential. Forest garden plants, design and methods. Organic fruit growing, growing apples in a damp climate, soft fruit, and figs and grapes in the poly tunnel. With CAT gardener, Chloe Ward.</p>



## SPEAKERS AND TOUR GUIDES



**Angela Paxton**

Angela has been Senior Display Gardener (Ornamental) for three years at CAT and has a particular interest in ecological planting and landscape design. She studied landscape architecture at Sheffield University and previously was a campaigner on sustainable food issues for SAFE Alliance (now Sustain).



**Chloe Ward**

Chloe Ward has been gardening the CAT displays for the past three years. Back in 1996 she was a long term volunteer for Roger who she drove mad with stupid questions. Since then she has worked on a variety of gardening quests ending up as Deputy Head Gardener for Garden Organic at Yalding, before returning to CAT. She likes fruit growing and seed saving and is happy to answer stupid questions.



**Jaise Kuriakose**

Jaise has been a renewable energy engineer at CAT for the past five years. During this time, he has overseen the design and development of our unique 'microgrid' system, which allows us to connect and disconnect from the National Grid. He is also the lead author on the microgrid and distributed generation section of zerocarbonbritain2030.



**Mike Jollands**

An electro-mechanical engineer, Mike has been involved with CAT for nearly thirty years. Specialising in small-scale electronics, but able to turn his hand to most things, Mike is currently concentrating on the commissioning of CAT's combined heat and power (CHP) unit.



**Pat Borer**

WISE architect Pat Borer is a sole principal architect with 30 years' experience of designing and constructing 'green' buildings. He has been closely involved with CAT for many years, working on the design and development of ultra-low energy buildings, passive and active solar heating systems, benign building materials and healthy internal environments.



**Paul Allen**

Paul has been at CAT for over twenty years. Initially an engineer, he helped design, develop and produce a wide range of renewable energy systems, including solar-powered medical systems for use in Bosnia, Eritrea and many other parts of the world. Paul now leads the Zero Carbon Britain strategy programme, liaising with key policy-makers and business leaders to spread CAT's message far and wide.



**Phil Horton**

WISE Project Manager, Phil Horton is a Chartered Engineer who worked for the BBC's capital projects department before moving to CAT over ten years ago. His next project involves managing the Visitor Centre revamp. Phil also serves on CAT's elected strategy group, helping oversee the future direction of the organisation.



**Ranyl Rhydwen**

Ranyl is a lecturer at CAT's Graduate School of the Environment. His areas of interest include climate change and adaptation development, buildings physics, thermal computer modelling of buildings and carbon-sequestering building materials.



**Roger McLennan**

Well-known to members thanks to his long-running Clean Slate column, Roger has been gardening at CAT for over 30 years, during which time he has pioneered many new composting and planting techniques. His garden provides fresh food for visitors and staff throughout the year.