

Start	End	Description
09:45	10:00	Event Launch
<b>Welcome to the British Lime Association UK-Lime Research Symposium</b>		
10:00	10:05	<ul style="list-style-type: none"> <li>• <i>Welcome from the British Lime Association</i> Richard Stansfield, Chair, British Lime Association</li> </ul>
10:05	10:20	<ul style="list-style-type: none"> <li>• <b>Welcome presentation: <i>The importance of academic and industry collaboration in a changing world</i></b> Dr Giovanni Pesce - University of Northumbria</li> </ul>
<b>Session 1: 10:20 - 11:30 Followed by 10 Minute Screen Break</b>		
10:20	10:25	<ul style="list-style-type: none"> <li>• <i>Welcome to the session</i> Session Chair: Andy Jackson, Lhoist UK</li> </ul>
10:25	10:40	<ul style="list-style-type: none"> <li>• Keynote presentation: <i>Hydrated lime in asphalt for longer life roads</i> Dr Helen Bailey - The Driven Company</li> </ul>
10:40	10:50	<ul style="list-style-type: none"> <li>• <i>Can lime be used to reverse climate change?</i> Olivia Hawrot and Phil Renforth [Heriot-Watt University]</li> </ul>
10:50	11:00	<ul style="list-style-type: none"> <li>• <i>The path to decarbonisation for the lime industry</i> Dr Humbul Suleman, Saisurya Pothukanuri, Harsha Vardhan Pinninti, Parth Bharatkumar Patel, Faizan Ahmad [Teesside University]</li> </ul>
11:00	11:15	<p><b>Q&amp;A session</b></p> <ul style="list-style-type: none"> <li>• Questions from delegates on the three presentations in the first session Facilitated by the Session Chair: Andy Jackson, Lhoist UK</li> </ul>
11:15	11:30	<p><b>Video posters - 5-minute pre-recorded presentations</b></p> <ul style="list-style-type: none"> <li>• <i>Participation in the Peak District Zero Carbon Cluster of the HyNet project</i> - Lhoist UK and Tarmac Lime</li> <li>• <i>Practical aspects of trialling hydrogen as primary fuel for lime manufacturing</i> - Tarmac Lime</li> </ul>
11:30	11:40	<p><b>Screen break</b></p> <ul style="list-style-type: none"> <li>• There will be no content for 10 minutes, providing an opportunity for delegates to move away from screens for a short period</li> </ul>
<b>Session 2: 11:40 - 12:10 Followed by 20 Minute Screen Break</b>		
11:40	11:40	<ul style="list-style-type: none"> <li>• <i>Welcome back to the session</i> Session Chair: Andy Jackson, Lhoist UK</li> </ul>
11:40	11:50	<ul style="list-style-type: none"> <li>• <i>Lime from biogenic calcium carbonate for the production of slag-based alkali activated binder</i> Ellena Fedora Marli and Dr Raffaele Vinai [University of Exeter]</li> </ul>
11:50	12:00	<ul style="list-style-type: none"> <li>• <i>Production of slaked lime from limestone at atmospheric conditions and without the release of chemical CO<sub>2</sub></i> Theodore Hanein, Marco Simoni, Chun Long Woo, John L. Provis and Hajime Kinoshita [University of Sheffield]</li> </ul>
12:00	12:10	<p><b>Q&amp;A session</b></p> <ul style="list-style-type: none"> <li>• Questions from delegates on the two presentations in the second session Facilitated by the Session Chair: Andy Jackson, Lhoist UK</li> </ul>
12:10	12:30	<p><b>Screen break and lunch</b></p> <ul style="list-style-type: none"> <li>• There will be no content for 15 minutes, providing an opportunity for delegates to move away from screens</li> </ul>
<b>Session 3: 12:30 - 14:05 Followed by 10 Minute Screen Break</b>		
12:30	12:35	<ul style="list-style-type: none"> <li>• <i>Welcome to the session</i> Session Chair: Graham Cooper, Tarmac Lime</li> </ul>
12:35	13:00	<p><b>Video posters - 5-minute pre-recorded presentations</b></p> <ul style="list-style-type: none"> <li>• <i>Investigating the feasibility of carbon capture options for the lime industry</i> - Tom Cutler [Newcastle University]</li> <li>• <i>Technical and Environmental Analysis of Calcium Looping Carbon Capture for Rotary Kiln Lime Plants</i> - Angela Rolfe, Caterina Brandoni, Neil Hewitt, Ye Huang [Ulster University]</li> </ul>

**BRITISH LIME ASSOCIATION**  
**UK-LIME-RESEARCH SYMPOSIUM: 13 OCTOBER 2021**  
**PROGRAMME**

Start	End	Description
		<ul style="list-style-type: none"> <li>• <i>Site relevant risk of sulphate swell in lime stabilisation</i> - Carter Newbury, Paul Beetham, David Belton and Yasameen Al-ameen [Nottingham Trent University]</li> <li>• <i>Increasing the Technological Performance of Chalk-Derived Products for the Water Industry</i> - Dávid Kocsis, Christopher Meyer [Singleton Birch], Nathan Lawrence and Jay Wadhawan [University of Hull]</li> </ul>
13:00	13:15	<b>Video poster Q&amp;A Session</b> <ul style="list-style-type: none"> <li>• Questions from delegates on the video posters shown after the break</li> </ul> Facilitated by the Session Chair: Graham Cooper, Tarmac Lime
13:15	13:30	<ul style="list-style-type: none"> <li>• Keynote presentation: <i>Air lime &amp; formulated lime for mortars &amp; renders</i></li> </ul> Dr Richard Ball - University of Bath
13:30	13:40	<ul style="list-style-type: none"> <li>• <i>Importance of mortar substrate interactions in lime masonry structures</i></li> </ul> Tugce Busra Su-Cadirci, Juliana Calabria-Holley, Richard J. Ball [University of Bath]
13:40	13:50	<ul style="list-style-type: none"> <li>• <i>The use of organic additives for improving the characteristics of lime</i></li> </ul> Cecilia Pesce and Giovanni Pesce [University of Northumbria]
13:50	14:05	<b>Q&amp;A session</b> <ul style="list-style-type: none"> <li>• Questions from delegates on the three presentations in the third session</li> </ul> Facilitated by the Session Chair: Graham Cooper, Tarmac Lime
14:05	14:15	<b>Screen break</b> <ul style="list-style-type: none"> <li>• There will be no content for 10 minutes, providing an opportunity for delegates to move away from screens for a short period</li> </ul>
<b>Session 4: 14:15 - 15:20</b>		
14:15	14:20	<ul style="list-style-type: none"> <li>• <i>Welcome to the session</i></li> </ul> Session Chair: Wesley Sugden Brook, Singleton Birch
14:20	14:35	<ul style="list-style-type: none"> <li>• Keynote presentation: <i>Lime in major projects</i></li> </ul> Dr Paul Beetham - Nottingham Trent University
14:35	14:45	<ul style="list-style-type: none"> <li>• <i>Influence of test set up on sulphate swell measurements</i></li> </ul> Rebecca Paramor, Emily McGrath, Paul Beetham and David Belton [Nottingham Trent University]
14:45	14:55	<ul style="list-style-type: none"> <li>• <i>Hydrated lime in asphalt</i></li> </ul> Didier Lesueur [University of Lille]
14:55	15:10	<b>Q&amp;A session</b> <ul style="list-style-type: none"> <li>• Questions from delegates on the three presentations in the fourth session</li> </ul> Facilitated by the Session Chair: Wesley Sugden Brook, Singleton Birch
15:10	15:20	<b>Video posters - 5-minute pre-recorded presentations</b> <ul style="list-style-type: none"> <li>• <i>Many and Varied Industrial Uses of Lime</i> - Richard Givens [Tarmac Lime]</li> <li>• <i>SHEQ Culture Change at Singleton Birch</i> - Axl Farr [University of Hull/Singleton Birch]</li> </ul>
<b>Session 5: 15:20 - 16:00</b>		
15:20	15:20	<ul style="list-style-type: none"> <li>• <i>Welcome back to the session</i></li> </ul> Session Chair: Wesley Sugden Brook, Singleton Birch
15:20	15:30	<ul style="list-style-type: none"> <li>• <i>Lime in Precolumbian Construction: Waste and Impact</i></li> </ul> Lindsay Duncan, Elizabeth Graham, Julia Stegemann, Isabel Villaseñor [University College London]
15:30	15:40	<ul style="list-style-type: none"> <li>• <i>Assessment of hydrated lime Ca(OH)<sub>2</sub> as a faecal sludge sanitation tool for emergency settings (cholera treatment centres, refugee camps...)</i></li> </ul> Diogo Trajano Gomes da Silva and James Ebdon [University of Brighton]
15:40	15:50	<b>Q&amp;A session</b> <ul style="list-style-type: none"> <li>• Questions from delegates on the two presentations in fifth session</li> </ul> Facilitated by the Session Chair: Wesley Sugden Brook, Singleton Birch
15:50	16:00	<b>Awards and Closing Address</b> <ul style="list-style-type: none"> <li>• Richard Stansfield, Chair, British Lime Association</li> </ul>
16:00		Close