



THE BUILDING LIMES FORUM

2019 Conference & Gathering

Lime Finishes and Lime in Extreme Climates Stirling, Scotland



PROGRAMME

Friday 20 September

08.30 Registration

Morning: The Engine Shed. Presentations on *Lime Finishes*. Chair: **Ewan Hyslop**

09.10 **James Simpson**, BLF Convener, *welcome*

09.15 **David Mitchell**, Historic Environment Scotland: *opening address*

09.30 **Mark Thacker**, University of Stirling: *mortar archaeology & historic landscapes*

09.50 **Tom Addyman**, Addyman Archaeology: *historic lime harl, render & plaster in Scotland*

10.10 **Tim Meek**, University of Stirling: *harl-as-you go! integration of mortars and the implications for robustness and longevity in an exposed environment*

10.30 **David Wiggins**, Curtins: *functional performance of lime harling*

10.50 **Q&A session**

11.00 Tea/coffee

11.30 **Steven Harper** and **Andrew Allan**, Harper & Allan Masonry: *lime harling practice*

11.45 **Richard Fraser**, Limerich: *best practice for maintenance of limewash*

12.00 *Traditional plasterwork research in Scotland: William Napier*, Adams Napier Partnership: *introduction & background*; **Callum Graham**, HES: *laboratory analysis*; **Steven Blench**, Chalk Plaster: *Blair Castle case study*

12.35 **Rory Young**: *building a boundary wall – from foundations to flush finish*

12.50 **Q&A session**

13.00 Lunch

Afternoon: Visits and Activities

14.00 Buses to Doune Castle and Charlestown. **Doune Castle**. Castle: guided tours of wallheads and scaffolding (ticketed) led by **Jessica Hunnisett**, **Scott Macfarlane** and **Christine Anderson**, free-range of castle. Steading: demonstrations with small-scale peat & shell lime kiln with **Chuck Jones**. **Charlestown**: guided walks of the planned village and historic limekilns; demonstrations and hands-on activities at Charlestown Workshops (Scottish Lime Centre Trust): lime burning, lime slaking, raw lime plastering, plaster casting, hand modelling plaster ornaments, polishing balls of clay soil, lime-washing, and a chance to visit the SLCT building materials laboratory. Buses return to The Engine Shed for 17.30

14.00 Excursion by train to Dunblane for **Dunblane Cathedral** and the **Leighton Library**.

Evening: Stirling Castle

17.45 and 18.15 buses to Stirling Castle from The Engine Shed

18.00 **Drinks Reception** in Chapel Royal (sponsored by Laing Traditional Masonry Group Ltd)

19.00 **Baker Memorial Lecture** in Great Hall given by Tim Meek

20.30 **Dinner** in Great Hall (drinks sponsored by Sandy McLean & Co). Carriages 22.45 & 23.00



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Saturday 21 September

Morning: The Engine Shed. Presentations on *Lime in Extreme Climates*. Chair: **Peter Burman**.

- 09.10 **Roz Artis**, Scottish Lime Centre: *celebrating 25 years of the Scottish Lime Centre Trust*
- 09.30 **Roger Curtis**, Historic Environment Scotland: *HES research and projects*
- 09.50 **Andrew Bradley**, stonemason: *lime vs. severe wind-driven rain at Duart Castle, Isle of Mull*
- 10.10 **Kinlay Laidlaw**, Laidlaw Associates: *micro-grouting to resolve water ingress at Burns Monument, Alloway*
- 10.30 **Duncan Strachan**, stonemason: *conservation of ruins in extreme climates*
- 10.50 **Q&A session**
- 11.00 Tea/coffee
- 11.30 **Martin Hadlington**, conservation architect: *25 years of adventure - learning from exposed buildings on the west coast of Scotland*
- 11.45 **Philip Scorer**, Vitruvius Conservation: *rope access building conservation and the challenges of using lime mortars*
- 12.00 **Lucie Fusade**, University of Oxford: *drying response of lime-mortar joints in granite masonry*
- 12.10 **Nicola Ashurst**, Adriel Consultancy: *the use of lime mortars in the extremes of Sydney*
- 12.20 **Steve Waite**, Waite International Conservation Architects: *lime projects in Cuba & Hawaii*
- 12.35 **Chris Pennock**, Nidaros Cathedral: *lime projects in Norway*
- 12.50 **Q&A session**
- 13.00 Lunch

Afternoon: Visits

- 14.00 Bus trip to **Bannockburn House and Kinneil House**. Bannockburn House (Bannockburn House Trust) tours led by **Will Napier** and **Ross Caldwell**, BHT. Kinneil House (Historic Environment Scotland), tours led by **Peter Ranson**, HES, and **Ian Shearer**, Friends of Kinneil. Afternoon tea at Bannockburn House. Buses return to The Engine Shed for 18.30
- 14.00 Depart on foot for guided tour of **Stirling Castle** led by **Jacqueline Mulcair** and **Fiona Ball**, HES (ends 16.30 at the Castle)
- 14.00 Excursion by train to Dunblane for **Dunblane Cathedral** and the **Leighton Library**.

Evening: Stirling Highland Hotel:

- 18.45 **Drinks reception** in the Academy Suite (sponsored by David Narro Associates)
- 19.30 **Dinner** in the Maclaren Suite (drinks sponsored by Collective Architecture)
- 21.00 **Auction** of lime-related items in support of the Bursary Fund.



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Sunday 22 September

Morning: The Engine Shed. Lectures and presentations. Chair: **James Simpson**, BLF.

- 09.10 **Alison Henry**, Historic England: *project/research updates and Corfe Castle wallhead trials*
- 09.30 **Keith Blades**, Masonry Conservation Consultant, Ontario: *the challenges of the 'like for like' approach: from hot limes to early Portland cements*
- 09.50 **Jessica Hunnisett**, Historic Environment Scotland, *lime in a changing climate*
- 10.10 **Q&A session**
- 10.20 **Annual General Meeting** and forum updates from around the globe
- 11.00 Tea/coffee
- 11.30 **Question Lime**, a discussion panel with members drawn from across the lime sector answering questions from the audience. Panellists: **Nigel Copsey** (builder and trainer, Yorkshire), **Ashley Pettit** (architect, Isle of Man), **Roz Artis** (building surveyor, Scottish Lime Centre Trust), **David Wiggins** (engineer, Curtins, Cumbria) and **Laurent Tedeschi** (lime supplier, St Astier, France). Chaired by **Will Napier** (building surveyor, Adams Napier Partnership, Peebles).
- 12.20 Members' sessions
- Cecilia Pesce**, Northumbria University: *investigation on the effects of steam slaking on the characteristics of Portlandite crystals in hot-mixed mortars*
- Nigel Copsey**, Earth, Stone & Lime Company: *lime slaking and mortar proportions*
- William Skinner**, Cliveden Conservation: *structural repairs at Bradwell Abbey - earth and earth/lime mortars*
- 13.00 Lunch

Afternoon Guided Tours (on foot)

- 14.00 Stirling Castle led by **Peter Buchanan**, Historic Environment Scotland (ends 16.00 at the Castle)
- 14.15 Stirling Town led by **Moses Jenkins**, Historic Environment Scotland, and **Sonya Linskaill** and **Lindsay Lennie**, Stirling City Heritage Trust, (ends 16.00 at the Castle)
- 16.00 Opportunity to visit Stirling Castle (closes 18.00)
- 17.00 end of gathering