

IEEC2 – Programme

[DRAFT Programme, v.5 - updated 26/02/2020]

Event: 2nd International Early Engines Conference 15-17th May 2020

Venue: Black Country Living Museum, Tipton Road, Dudley, DY1 4SQ (United Kingdom).

Booking and Information: www.earlyengines.org

Conference Theme: *“A wider view of early engines and their operating context - beyond valve gear and famous engineers”*

Friday 15th May 2020

Morning

10.30 Venue Open for Registration

12.00 Welcome and opening of conference – Steve Grudgings

12.10 Agenda, logistics and housekeeping

12.15 Buffet Lunch and opportunity to tour the Black Country Living Museum (BCLM)

Afternoon

13.15 James Greener - Novacene – Something changed in the 1600s and we need to sustain it

13.25 James Greener - A special act of providence: Newcomen’s speedy vacuum

14.00 David Hardwick - Dannemora, Auchenharvie & Brislington, early engine houses compared.

14.35 John Hunter - Early engines in the Attercliffe (Sheffield) Coalfield & the role of John Curr

15.10 Refreshments

15.30 John Townley & John Kanefsky - Keep that wheel a-turning: the development of rotary motion.

16.05 Steve Grudgings - Where did the water go? Water management and early engines.

16.40 Peter King - Aston Furnace and the engine of Newcomen and Cawley there

16.55 Peter King - Isaac Wilkinson’s blowing engine patents & their importance for the Iron Industry

17.10 Close

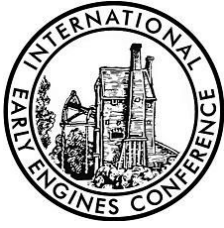
Evening

18.30 Coach departs from BCLM for Sandfields Pumping Station, Lichfield

19.00-21.00 Group and Individual Tours

19.45 Evening Meal (Drinks not included)

21.15 Coach departs from Sandfields for BCLM and Hotels



IEEC2 – Programme

Saturday 16th May 2020

Morning

08.30 Venue open and refreshments available

09.00 Welcome, recap day 1 and review agenda for day 2

09.05 Bill Whitehead - The 1788 Boulton & Watt Engine at Ecton Mine and how it worked

09.40 Chris Hodrien - Boulton & Watt Bell Crank Engines - The Upminster Mill Example

10.15 Paul Brookes - Cugnot's 1769 steam vehicle – pioneering new technologies

10.50 Refreshments

11.10 Rick Stewart - Cornwall: cradle of the steam engine or what did Bristol ever do for us?

11.45 John Townley - From Papin to Pickard

12.00 James Mitchell - The ethics of steam engine conservation & transfer of traditional skills

12.35 Buffet Lunch

Afternoon

13.35 Mark Watson - Power in place: Scottish installations of Boulton & Watt Engines & what traces remain.

14.15 Paul Reynolds - Early Engines around Swansea: The context for the Engines & their builders.

14.30 Jan Van De Veen - Early Engines in the Netherlands and the men that commissioned them.

15.05 David Kitching - Trials & tribulations of Wood & Caldwell's engines at Bycars Colliery, Burslem.

15.20 Refreshments

15.35 John Hunter - Frederick Allott's list of fire engines & free draining adits in South Yorkshire.

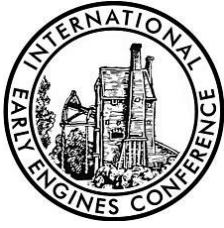
15.50 Steve Grudgings - The development of boiler making & its influence on Engine House design.

16.25 John Kanefsky - Norris papers re-examined - new insights on cylinder casting & Coalbrookdale

17.00 Close

Evening

At leisure to enjoy BCLM "Red by Night" (entry fee £10)



IEEC2 – Programme

Sunday 17th May 2020

Closing Session

08.30 Venue open and refreshments available

09.00 Welcome, recap day 2 and review agenda for day 3

09.05 James Greener - The impellent force of fire: What did Newcomen invent & what did he patent?

09.40 David Perrett - Painting the Atmospheric Engine, artists & their interpretation

10.25 David Hulse - Building the scale model of the Boulton & Watt Lap Engine: insights and observations

10.40 Refreshments

11.00 Tom Elliot - The work of the South Staffordshire Mines Drainage Committee & their Engines

11.35 Chris Hodrien - The 1785 Boulton & Watt Rotative Engine at Chester Steam Mill

12.10 Conference Closing Summary - Delegates free to depart or visit BCLM