

11.25 Richard Lamb – *James Watt's analysis of the performance of the Ranter engine, Wednesbury and others*

12.00 Victoria Owens – *James Brindley's steam engines, 1756-1759*

12.35 – Buffet Lunch

**Afternoon – Chair John Tanner**

13.35 Peter King – *George Sparrow and the spread of the steam engine in the north Midlands*

14.10 Bernard Champness - *Fairbottom Bobs, a review of evidence*

14.45 David Perrett - *Henry Ford and Herbert Morton's 1928 engine collecting endeavours*

15.20-15.40 – Refreshments

15.40 Mike Nevell – *Power and Innovation: Excavating pre-1812 steam engines in the Manchester area*

16.15 John Barnatt – *Investigating the 1794-95 Newcomen Pumping Engine at Watergrove Mine, Derbyshire*

16.50 TBC – *Short paper*

17.15 End of Friday Programme

18.30 Coach departs Elsecar for Wortley Top Forge

19.00 – 22.00. Group and individual tours of Wortley Top Forge

19.45. Evening Meal (drinks not included)

22.00 Coach departs Wortley Top Forge for Elsecar (possibly routing via nearby Hotels etc.)

22.45 Coach arrives at Elsecar

**Saturday 13<sup>th</sup>**

**Morning – Chair Peter King**

07.45 Coach Trip to Rockley Engine House and Furnace – Guided by SIAS (£7 supplement)

08.30 Venue Open and Refreshments available

09.00 Welcome, Recap Day 2 and run through Day 3 agenda

09.05 Les Turnbull – *William Browns Giant Tyneside Engines*

09.40 David Hardwick – *Surveying the UKs oldest complete Newcomen Engine House, Brislington 1740*

10.15 Steve Grudgings – *Discoveries and dilemmas - Excavating the 1791 Serridge Engine House,*

10.50 – Refreshments

11.10 Ken Pointon – *Constructing a Newcomen Engine in the 21<sup>st</sup> Century*

11.45 TBC – *Short Paper*

12.00 Closing Address

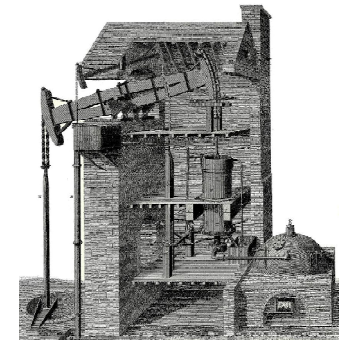
12.10 Onwards, Delegates Depart

13.00 Venue Closes

# International Early Engines Conference (IEEC)

## The Ironworks Elsecar

11-13<sup>th</sup> May 2017



# International Early Engines Conference (IEEC)

## The Ironworks, Elsecar, Barnsley, 11-13<sup>th</sup> May 2017

The IEEC Committee are delighted to be able to confirm final details of the conference and to remind everyone interested in early steam engines that we will be accepting bookings by post and electronically from the end of October 2016.

All of us are pleased with the quality and variety of papers submitted and whilst we have been oversubscribed with materials, believe we have found suitable outlets in the wider programme to satisfy individuals whose papers are not part of the core programme.

Whilst you may be familiar with Elsecar's recently restored Newcomen engine (the subject of the conference's first paper) the survival of much its Ironworks complex and of the nearby Hemingfield Colliery may not be as well known. In addition to the attractions of the Heritage Centre and Railway, the immediate area also includes the remains of two ironworks, three collieries, an 1850 engineering workshops and other associated industrial archaeology.

The accompanying programme lists the running orders of the papers as well as the other activities included in the conference. The booking form is attached and sets out the process for purchasing full tickets as well as those for the individual day and partner's tickets.

In addition to the conference proceedings, purchasers of the full ticket will receive a welcome pack that includes the conference compendium, a series of papers on early engines previously published at a regional level that may not have enjoyed the wider attention they warrant.

Whilst we do not have a preferred hotel to serve as a focal point outside the conference times, we believe we have organised a healthy balance of outings and social gatherings to ensure everyone gets a chance to meet up with old acquaintances and make new ones. Local rail and bus transport services are frequent and convenient and there is an excellent choice of local taxis.

We are all looking forward to welcoming delegates to Elsecar and want to ensure that everyone with any interest in early engines and engineering is made to feel welcome.

### IEEC Committee

Steve Grudgings, Chris Jones, Peter King, David Perrett, Richard Smith, John Tanner

*The International Early Engines Conference is sponsored by The Newcomen Society for the History of Engineering and Technology, The Historical Metallurgy Society, The Northern Mine Research Society and The South Gloucestershire Mines Research Group. The organisers gratefully acknowledge the support of Barnsley Museums*

# PROGRAMME

## Thursday 11<sup>th</sup>

### Morning

- 10.00 Venue Open for Registration
- 12.00 Welcome and Conference Opening Speech - John Hamshere and John Tanner
- 12.10 Agenda, Logistics and Arrangements – Steve Grudgings
- 12.15 Buffet and opportunity to tour the venue

### Afternoon – Chair David Perrett

- 13.15 Geoff Wallis – *Restoring the Elsecar Newcomen Engine: high ideals, deep mysteries*
- 13.50 Phillip Hosken – *Cui Bono? Inventors and the beneficiaries of their endeavours*
- 14.25 John Hunter – *Pumping Engines at the Sheffield and Attercliffe Collieries in the eighteenth century*
- 15.00-15.20 – Refreshments
- 15.20 Tony Coverdale – *John Padmore of Bristol and his use of a water commanding engine - 1695*
- 15.55 John Kanefsky – *Analysis of numbers of UK Newcomen engines built prior to Watts first engine of 1776*
- 16.30 James Greener – *“Yorkshires first engine”: Austhorpe 1714*
- 16.45 John Tanner – A short talk on “Elsecar Ironworks-Past and Future” followed by a guided site tour
- 17.15 Opportunity to meet fellow delegates and visit:
  - The restored Newcomen Engine which will be ‘working’ (numbers limited)
  - The Elsecar Heritage Railway (EHR) workshops
  - Hemingfield Colliery (20 minutes away by guided walk)

**19.00 Onwards – Hot Buffet at the Market Tavern Elsecar**  
(100 yards from Venue – drinks not included)

## Friday 12<sup>th</sup>

### Morning - Chair Richard Smith

- 07.45 Coach Trip to Rockley Engine House and Furnace -Guided by SIAS (£7 supplement)
- 08.30 Venue Open and Refreshments available
- 09.15 Welcome, Recap Day 1 and Day 2 agenda
- 9.20 Rick Stewart – *John Smeaton and the Fire Engine*
- 9.55 James Greener – *Bromsgrove Revisited - The chain of events leading to Newcomen's 1712 engines*
- 10.30 Suhail Rana – *Henry Beighton's influence on and contributions to Newcomen's work*
- 11.05 – Refreshments