MIDLANDS MODEL ENGINEERING EXHIBITION

FREE SHOW GUIDE

THE SHOW FOR MODEL ENGINEERS

WELCOME TO THE UK'S LARGEST MODEL ENGINEERING EXHIBITION

We hope you enjoy your day with us as you explore hundreds of outstanding exhibits and meet the exhibitors, modellers, and enthusiasts whose passion and expertise bring this event to life.

The exhibition is packed this year with **34 clubs and societies** showcasing **hundreds of exhibits** that demonstrate an incredible range of modelling skills.

We also have **35 of the UK's leading model engineering specialist trade suppliers** with us, all ready to help you find the tools, materials, and advice you need to take your projects to the next level.

There are also of course the competition and display classes and the varied range of models on display for your enjoyment.

Please see the full timetable of activities inside this guide and more details of demonstrations and talks on the back page.

Thank you to everyone who has supported the exhibition over the decades. Your continued dedication has helped make this event the largest and longest running model engineering exhibition in the UK.

The Meridienne Team

Catering - There is a ground floor coffee shop and above it a 200 seater mezzanine restaurant. Additional catering units are located outside the marquee, with further seating available inside.

Toilets - These are located under the mezzanine in the main hall.

***Diary Date** – Next year's show will be Thursday 14th - Sunday 17th October 2027.*

THURSDAY 15th to SUNDAY 18th OCTOBER 2026

Thursday - Saturday: 10.00am-4.30pm
Sunday: 10.00am-4.00pm

WARWICKSHIRE EVENT CENTRE

www.midlandsmodelengineering.co.uk

Meridienne Exhibitions LTD

Presented by Meridienne Exhibitions

SPECIALIST SUPPLIERS

17D
Unit 12/13 Via Gellia Mills, Bonsall,
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W: www.17d-ltd.co.uk
17D Limited are specialist manufacturers of 5 inch and 7.25 inch gauge miniature railway products for the discerning enthusiast and model engineers.
Stand: 59

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W: www.ametrains.co.uk
Home of battery electric locomotives, coaches and rolling stock.
Stand: S2

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Stands: 50+51

ALUTIGHT/PERMAGRIT
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Stand: 10

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West Yorkshire, BD22 0LD
T: 07768 663358
E: brushes4models@gmail.com
Model makers brushes and other sundries.
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CLEVEDON STEAM
15 Lusart Drive, The Lizard, Helston,
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W: www.clevedonsteam.co.uk
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Stand: 22

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W: www.componentshop.co.uk
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Stands: 48+49

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E: howard@craftlights.co.uk
W: www.craftlights.co.uk
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Stand: S6

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W: www.ekpsupplies.com +
www.kennions.co.uk
Fastenings. materials, lubricants and steam fittings for the model engineer alongside a range of drawings and castings for locomotives, traction engines and desktop models.
Stands: 81-83

**THE ENGINEERS EMPORIUM/
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Stands: 58+61

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T: 0114 2502770
E: enquiries.sheffields1@everywhen.co.uk
W: https://www.everywhen.co.uk/home-and-property-insurance/model-railway-insurance
Specialist insurance for modellers and model engineers.
Stand: 12

GLOFORCE
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E: enquires@gloforce.com
W: www.gloforce.com
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Stand: 60

H & P TOOLWORKS
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T: 07523 303452/07752 978609
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W: https://uktoolsupplies.co.uk
Engineering Tools.
Stands: 76+77

HJH TOOLING
Unit R15 Marshall Way, Commerce Park,
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E: info@hjhtooling.co.uk
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Stand: 56

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Stands: 78+79

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W: www.jbcuttingtools.com
Carbide inserts and toolholders, indexable milling and cutters.
Stands: 42+43

KEITH ROBINSON ENGINEERING TOOLS
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Stands: 35+36

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W: www.stirlingengine.co.uk
Stirling engines.
Stand: 57

LIVE STEAM MODELS
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Stand: 53

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Stand: S1

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Stand: 80

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E@ sales@native-lighting.com
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LED lights and magnifiers.
Stand: 91

NOGGIN END METALS
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E: nemetals2022@gmail.com
W: www.nogginend.com
Metals and plastics.
Stand: 63

PEAK TOOLS
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Bakewell, DE45 1TB
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E: peaktools01@gmail.com
Supplier of tools and accessories.
Stands: 88+89

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Stands: 7-9

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Stands: 26-33

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W: www.soldersandfluxes.co.uk
Solders, fluxes and consumables.
Stand: S5

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Stationary model steam engines.
Stands: 46+47

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Leading specialist supplier of technical and modelling books for the model engineer and modeller worldwide for over 65 years.
Stands: 3-5

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Stands: 73-75

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Stand: 41

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Stand: 62

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Stands: 38-40

All printed information correct @ 01.10.26 but subject to change due to circumstances beyond our control.

CLUB & SOCIETY STANDS

7¼" GAUGE SOCIETY
Stand: V
www.sevenandaquarter.org

BIRMINGHAM SOCIETY OF MODEL ENGINEERS
Stand: R
www.birminghamsme.co.uk

BLADES OF THUNDER
Stand: D

BROMSGROVE SOCIETY OF MODEL ENGINEERS
Stand: E
www.bromsgrovesme.co.uk

COVENTRY MODEL ENGINEERING SOCIETY
Stand: L
www.coventrymes.co.uk

ECHILLS WOOD RAILWAY
Stand: O
www.ewr.org.uk

EDINBURGH SOCIETY OF MODEL ENGINEERS
Stand: AA
www.edinburgh-sme.org.uk

EREWASH VALLEY MODEL ENGINEERING SOCIETY
Stand: HH
www.erewashvalleymes.wixsite.com/evmes

FEDERATION OF MODEL ENGINEERING SOCIETIES
Stand: M
www.fmes.org.uk

GAS TURBINE BUILDERS ASSOCIATION
Stand: CC
www.gtba.co.uk

GAUGE 1 3D CIRCLE
Stand: Q
www.g1-3d.uk

GAUGE 1 MODEL RAILWAY ASSOCIATION
Stand: P
www.g1mra.com

GAUGE 3 SOCIETY
Stand: I
www.gauge3.org.uk

HARLINGTON LOCOMOTIVE SOCIETY
Stand: Z
www.harlingtonlocomotivesociety.org.uk

HEREFORD SOCIETY OF MODEL ENGINEERS
Stand: W
www.hsme.co.uk

KINVER SOCIETY OF MODEL ENGINEERS
Stand: B
www.kinvermodelengineers.org.uk

KNIGHTCOTE MODEL BOAT CLUB
Stand: FF
www.kmbcmodelboatclub.com

MELTON MOWBRAY & DISTRICT MODEL ENGINEERING SOCIETY
Stand: F
www.mmdmes.wixsite.com/home

MIDLANDS MECCANO GUILD
Stand: BB
www.mmg.ssofb.co.uk

MODEL ENGINE MAKERS
Stand: GG
www.modelenginemaker.com

MODEL STEAM ROAD VEHICLE SOCIETY
Stand: U
www.msrvs.co.uk

NATIONAL 2½" GAUGE ASSOCIATION
Stand: G
www.n25ga.org

NORTHAMPTON SOCIETY OF MODEL ENGINEERS
Stand: X
www.nsme.co.uk

NORTHERN ASSOCIATION OF MODEL ENGINEERS
Stand: H
www.nameuk.org.uk

NOTTINGHAM SOCIETY OF MODEL AND EXPERIMENTAL ENGINEERS
Stand: S
www.nsmee.org.uk

RNLI
Stand: K
www.rnli.org

RUGBY MODEL ENGINEERING SOCIETY
Stand: Y
www.rugbymes.co.uk

SOCIETY OF MODEL & EXPERIMENTAL ENGINEERS
Stand: N
www.sm-ee.co.uk

THE SOCIETY OF ORNAMENTAL TURNERS
Stand: C
www.the-sot.com

STIRLING ENGINE SOCIETY
Stand: J
www.stirlingengines.org.uk

UK MICROMOUSE AND ROBOTICS SOCIETY
Stand: A
www.ukmars.org

WELWYN GARDEN CITY SOCIETY OF MODEL ENGINEERS
Stand: T
www.wgcsme.wordpress.com

WOLVERHAMPTON & DISTRICT MODEL ENGINEERING SOCIETY
Stand: EE
www.wolverhampton-dmes.co.uk

THE YOUNG ENGINEERS
Stand: DD

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FOSSE WAY STEAMERS

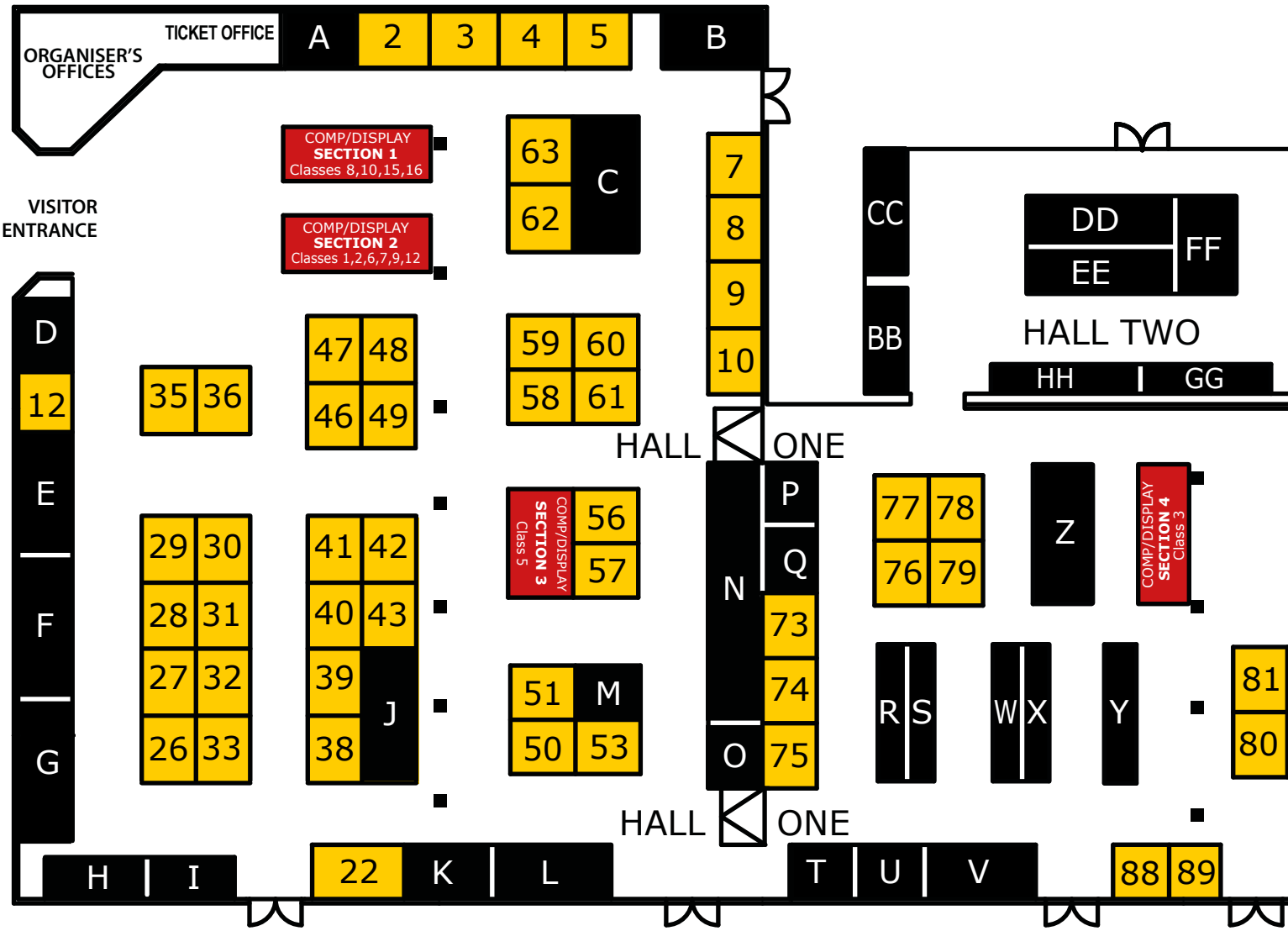
Outside the main exhibition halls, we welcome our Fosse Way Steamers. These exhibits are in steam for your enjoyment with their wide range of engines on display. Make sure you catch the daily parade at **2pm on Thursday, Friday and Saturday and 12.30pm Sunday.** At all other times walk along and meet the owners. The range of exhibits this year includes;

No	Owner	Entry
1	Chris & Ian Clipston	4" scale Burrell DCC 'Budge'
2	Tony Baldwin	4" scale Foster DCC traction engine 'Shirley B'
3	Steve & Chris Weaver	4" scale Burrell traction engine 'Niclea'
4	Davinder Singh Matharu	6" scale Little Samson traction engine 'Anjali'
5	Les & Sue Riley	4" scale McLaren road locomotive 'Maud'
6	Ian Morris	6" scale Ruston Proctor SD tractor 'An Calliach'
7	Richard Haynes	4" scale Burrell traction engine 'Bertie'
8	Paul & Sue Riley	3" scale Burrell agricultural traction engine 'Rose'
9	David Smith	3" scale Burrell traction engine 'Olive'
10	Hugh Stannard	4" scale Fowler showmans 'Sir Henry'
11	Phillip Hancock	4" scale Foster traction engine 'Staffordshire Lass'
12	Anthony Batting	4" scale Foster agricultural engine 'Lilian'

Passenger rides are available – please wait at the pick-up point.

Signal Fuels will be at the car park entrance Thursday and Friday for you to purchase your fuel supplies

FLOOR PLAN



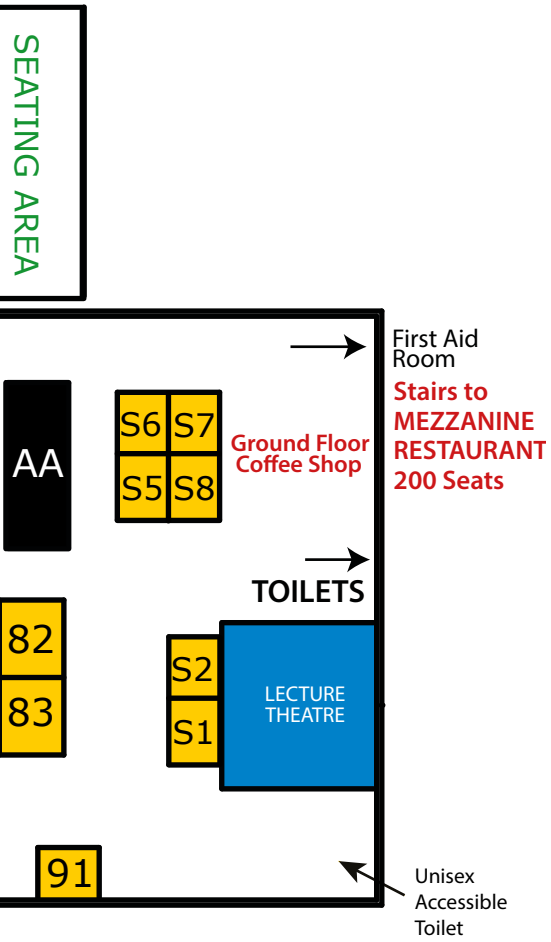
Specialist Suppliers

17D	59
Abbots Model Engineering	S2
Aerospace Surplus	50+51
Alutight/Permagrit	10
Brushes 4 Models	S8
Clevedon Steam	S7
College Engineering Supply	22
Component-Shop	48+49
The Craftlight Company	S6
CuP Alloys (Metal Joining)	2
EKP Supplies Inc Kennions	81-83
The Engineers Emporium/ L. A. Services	58+61
Everyone Insurance	12
Gloforce	60
H & P Toolworks	76+77
HJH Tooling	56
Home And Workshop Machinery	78+79
JB Cutting Tools	42+43
Keith Robinson Engineering Tools	35+36
Kontax Engingeering	57
Live Steam Models	53
Microdro	S1
Model Engineers Laser	80
Native Lighting	91
Noggin End Metals	63
Peak Tools	88+89
Polly Model Engineering	7-9
RDG Tools	26-33
Solders & Fluxes	S5
Stuart Models	46+47
TEE Publishing	3-5
Tracy Tools	73-75
Transwave Converters (Power Capacitors)	41
Turbotrade UK (The Stainless Bolt Company)	62
WARCO (Warren Machine Tools)	38-40

Club & Society Stands

7¼" Gauge Society	V
Birmingham Society of Model Engineers	R
Blades of Thunder	D
Bromsgrove Society of Model Engineers	E
Coventry Model Engineering Society	L
Echills Wood Railway	O
Edinburgh Society of Model Engineers	AA
Erewash Valley Model Engineering Society	HH
Federation of Model Engineering Societies	M
Gas Turbines Builders Association	CC
Gauge 1 Model Railway Association	P
Gauge 1 3D Circle	Q
Gauge 3 Society	I
Harlington Locomotive Society	Z
Hereford Society of Model Engineers	W
Kinver Society of Model Engineers	B
Knightcote Model Boat Club	FF
Melton Mowbray & District Model Engineering Society	F

TIMETABLE



Thursday 15th October			
Demo	11.00am	Gas Turbine Builders Association	Outside Marquee
Demo	11.30am	Blades of Thunder Helicopter Display	Main Car Park
Lecture	12.00pm	Roger Froud - How I Make Scale Fittings Using CNC	Lecture Theatre
Demo	1.00pm	Gas Turbine Builders Association	Outside Marquee
Demo	1.30pm	Blades of Thunder Helicopter Display	Main Car Park
Parade	2.00pm	Fosse Way Steamers Parade	Outside Marquee
Lecture	2.00pm	Noel Shelley - Foundrywork	Lecture Theatre
Demo	3.00pm	Gas Turbine Builders Association	Outside Marquee
Friday 16th October			
Lecture	10.30am	John Arrowsmith - Travels in Model Engineering	Lecture Theatre
Demo	11.00am	Gas Turbine Builders Association	Outside Marquee
Demo	11.30am	Blades of Thunder Helicopter Display	Main Car Park
Lecture	12.00pm	Noel Shelley – Foundrywork	Lecture Theatre
Demo	1.00pm	Gas Turbine Builders Association	Outside Marquee
Demo	1.30pm	Blades of Thunder Helicopter Display	Main Car Park
Parade	2.00pm	Fosse Way Steamers Parade	Outside Marquee
Lecture	2.00pm	Neil Wyatt - 3D Printing for Working Models	Lecture Theatre
Demo	3.00pm	Gas Turbine Builders Association	Outside Marquee
Saturday 17th October			
Lecture	10.30am	Adrian Johnstone - 3D Printing	Lecture Theatre
Demo	11.00am	Gas Turbine Builders Association	Outside Marquee
Demo	11.30am	Blades of Thunder Helicopter Display	Main Car Park
Lecture	12.00pm	SMEE, Multiple Speakers - Get Started in Model Engineering	Lecture Theatre
Demo	1.00pm	Gas Turbine Builders Association	Outside Marquee
Demo	1.30pm	Blades of Thunder Helicopter Display	Main Car Park
Parade	2.00pm	Fosse Way Steamers Parade	Outside Marquee
Lecture	2.00pm	Dave Sanderson - I built a CNC Mill. This is what I did next	Lecture Theatre
Demo	3.00pm	Gas Turbine Builders Association	Outside Marquee
Sunday 18th October			
Lecture	10.30am	Shaun Meakin - CuP Alloys History of Brazing and it's Principles	Lecture Theatre
Demo	11.00am	Gas Turbine Builders Association	Outside Marquee
Demo	11.30am	Blades of Thunder Helicopter Display	Main Car Park
Parade	12.30pm	Fosse Way Steamers Parade	Outside Marquee
Demo	1.00pm	Gas Turbine Builders Association	Outside Marquee
Demo	1.30pm	Blades of Thunder Helicopter Display	Main Car Park
Awards	**2.00pm**	**PRESENTATION OF AWARDS**	**Lecture Theatre**

Midlands Meccano Guild	BB
Model Engine Makers	GG
Model Steam Road Vehicle Society	U
National 2½" Gauge Association	G
Northampton Society of Model Engineers	X
Northern Association of Model Engineers	H
The Nottingham Society of Model and Experimental Engineers	S
Royal National Lifeboat Institution	K
Rugby Model Engineering Society	Y
Society of Model & Experimental Engineers	N
The Society of Ornamental Turners	C
Stirling Engine Society	J
UK Micromouse and Robotics Society	A
Welwyn Garden City Society of Model Engineers	T
Wolverhampton & District Model Engineering Society	EE
Young Engineers	DD

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COMPETITION & DISPLAY

Our Competition and Display exhibits come from far and wide and are showcased here for our visitor's enjoyment.

Judging will take place during the morning of Thursday 15th October.

Our Judging panel consists of: John Arrowsmith, Andrew Charman, Fred Dockray, David Fieldhouse, David Hulse, David Moore (Head Judge), Terry Morris, Tim Morris, John Newey, John Smith and Norman Smedley.

The prize winners will be notified so that they can attend the presentation ceremony, which will take place on **Sunday 18th October at 2.00pm**. Certificates for 1st, 2nd, 3rd, etc will be issued as appropriate and award notices placed beside the winning models.

In total there are 16 classes which are divided into two sections:

Competition: which will be judged by acknowledged experts where trophies & shields will be awarded along with cash prizes where applicable.

Display: for exhibitors wishing to display their work, finished or unfinished. We welcome part built models as visitors enjoy seeing work in progress and viewing the detail not visible once completed.

Trophies are awarded annually and retained by the winner for a period of one year.

The Society Shield

To be awarded annually to the club or association which is regarded by its peers to be the most interesting and also the most attractively presented stand. This will be announced at 3pm on Thursday 15th October.

Class	Trophy
Class 1 – Locomotives – up to & including gauge 1	
Class 2 – Locomotives – 2½" & 3½" gauges	The Clarkson Cup
Class 3 – Locomotives – 5" & 7¼" gauges & above	The Reeves Challenge Cup
Class 4 – Rolling Stock etc. any gauge	The Burton Rose Bowl Cup
Class 5 – Stationary Engines	Phoenix Precision Paints Trophy
Class 6 – Steam Road Vehicles	Static: Staffordshire Joinery Cup In Steam: The Leonard Crane Steam Trophy
Class 7 – Machine Tools & Workshop Equipment	The TEE Publishing Cup
Class 8 – Internal Combustion Engines	The Engineering in Miniature Trophy
Class 9 – Horological, Scientific & Automata	The Clockmaker Trophy
Class 10 – Marine Models – scale (over 50% scratch built)	The Marine Challenge Cup
Class 11 – Marine Models – kit (standard or modified)	The SHG Marine Cup
Class 12 – Model Horse Drawn Vehicles	The Lenham Pottery Trophy
Class 13 – Scale Aircraft Models	The Variscale Cup
Class 14 – Young Engineers Award (under 20 years old)	The Stuart Models Shield
Class 15 – Miscellaneous	
Class 16 – Hot Air Engines	
Best Model in Competition Classes 1-16	**The Chris Deith Memorial Trophy**

DISPLAY ENTRIES

Class	Description	Builder	Section
1	O Gauge live steam 4-8-2 tender locomotive	David John Moore	Section 2
1	O Gauge live steam Atlantic 4-4-2 tender locomotive of freelance type	David John Moore	Section 2
1	O Gauge live steam New Zealand railways G class Garratt 4-6-2 2-6-4 locomotive	David John Moore	Section 2
2	'Princess Marina' locomotive to LBSC design	Dave Lee	Section 2
2	4-6-2 LMS prototype locomotive	Steve Eaton	Section 2
2	Locomotive based on No123 single of the Caledonian Railway	Daniel Hayward	Section 2
2	'County of Dorset' 3 1/2" gauge GWR 4-6-0 county class locomotive - LBSC design	Peter Wardropper	Section 2
3	Semi-scale 0-6-0 Pannier tank locomotive 1501	Roger Froud	Section 4
3	7 1/4" Invicta locomotive	Mike Law	Section 4
3	5" gauge SR Schools Class 931 'Kings Wimbledon' c1939 locomotive	Christopher Marney	Section 4
5	Lancashire boiler	Mick Keenan	Section 3
5	The H Berry and Co Ltd. double tandem compound, hydraulic pumping engine	Mick Keenan	Section 3
5	The Holmes Mill Clayton and Goodfellow cross compound steam engine	Mick Keenan	Section 3
5	Double tandem compound steam engine	Mick Keenan	Section 3
5	The Wasp Mill Corliss tandem steam engine	Mick Keenan	Section 3
5	Elbow engine - Hobson's coupling mechanism	Zak Watkins	Section 3
5	Trevithick dredging engine	Steven Ball	Section 3
7	Tilting angle plate	Geoff Ball	Section 2
8	1927 Grand Prix Delage 15-S-8 race car	Mike Sayers	Section 1
8	'Hydra' a freelance 7 cylinder, 4 stroke, spark ignition, air cooled, radial engine	Geoff Ball	Section 1
8	'Matador' 10cc 4 stroke, air cooled spark ignition aero engine	Geoff Ball	Section 1
10	Steam yacht gondola	John Hollis	Section 1
15	Standard Beaverette	Neil Wyatt	Section 1
15	A7v 'Schnuck' radio controlled model of WW1 German tank	Neil Wyatt	Section 1
15	Vertical boiler	Steven Ball	Section 1

COMPETITION ENTRIES

Class	Description	Builder	Location
1	Gauge 1 rail crane	Paul Swingewood	Stand: B
2	Burma Mines Railway 0-6-0 (North British Loco. Co. No. 18674 of 1908)	Malcolm Brown	Section 2
2	Hudswell Clarke diesel shunter No. D604 'Southam' and two cement wagons	Neil Wyatt	Section 2
2	3 1/2" 'Tich'	Michael Burley	Stand: B
3	A 5" gauge LNER J15 0-6-0 Little Black Goods locomotive	Terence Charles Woodward	Section 4
3	Hunslet 0-4-0 narrow gauge tank engine	Keith Taylor-Nobbs	Section 4
3	Working 5" gauge model of the Metropolitan Vickers gas turbine electric locomotive 18100	Timothy Paul Coles	Section 4
3	5" gauge Highland Railway 4-4-0 'Skye Bogie' locomotive in LMS livery	David Wilson	Section 4
3	5" gauge Stephenson's Rocket	Jon Swindlehurst	Section 4
3	7 1/4" gauge SU class passenger locomotive and tender	Christopher Scott Marshall	Stand: AA
3	LSWR Beattie well tank locomotive	Graham Sadler	Section 4
3	LMS Jubilee Class locomotive - No 45689 'Ajax' in BR green livery	David Bennion	Stand: O
3	7 1/4" gauge 0-4-0 locomotive designed by the late Ken Swan	Walter Ogden	Stand: V
3	5" gauge 'Big Bertha'	Paul Swingewood	Stand: B
5	Single cylinder horizontal engine	Mick Keenan	Section 3
5	Single cylinder beam engine	Mick Keenan	Section 3
5	S.S.Stott cross compound condensing engine	Mick Keenan	Section 3
5	'Mary' beam engine	Mark Coulson	Section 3
5	'Suzanne' table engine	Mark Coulson	Section 3
5	Williamson engine	Keith Taylor-Nobbs	Section 3
5	1/12 scale working model of the Fieldhouse Fireclay Works winding engine c.1850	Dr Jolyon Alderman	Section 3
5	1/2 scale working model of a Ransome and factory/mill horizontal steam engine c.1850	Dr Jolyon Alderman	Section 3
5	Clarkson 24 x 38 horizontal engine	John Wing	Section 3
5	Mobile steam engine-horse drawn	David Hulse	Section 3
5	Galloway non-dead centre engine	Graham Sadler	Section 3
6	Minnie traction engine	Ian Matthews	Section 2
8	Simple 2-stroke engine 'Puppy' (Mk2)	Brian Merrifield	Stand: N
9	Small turret/tower clock	Michael Havard	Section 3
9	Large wheel skeleton clock	Brian Merrifield	Stand: N
10	Wherry Yacht 'Norada'	John Hollis	Section 1
10	HMS Alisma in early 1942	Stephen Duckworth	Section 1
11	Small boat with interesting drive system	Patrick Hendra	Stand: DD
11	Speed boat	Terry Brown	Stand: DD
12	Horse drawn tip cart	John Francis Tonen	Section 2
12	Horse drawn gambo	John Francis Tonen	Section 2
12	Royal Mail stage coach	Chris Biggs	Section 2
12	Horse drawn funeral hearse	Chris Biggs	Section 2
14	The forfar wheel	Zach Dodd	Stand: DD
14	Saltburn cliff tramway	Alice Dodd	Stand: DD
14	Greek chariot	Lyra Feldon-Lawrence	Stand: DD
14	1895 horseless carriage	Asa Skinner	Stand: DD
14	Forklift	Sacha Deal	Stand: DD
14	American fire truck	Charlotte Granger	Stand: DD
14	R.C digger	Erin Bates	Stand: DD
15	Ruscombe gentleman's steam bicycle	Mark Drake	Section 1
15	Moles Mill. A circa 18th century water mill	Paul J Merrick	Section 1
15	1/12 scale model of a 4 1/2 litre 'Blower' Bentley	Paul Isaacs	Section 1
15	Small items for a locomotive	John Ellis	Stand: W
15	Lining and furniture in a narrowboat	Christine Dodd	Stand: DD
15	1/8 scale Meccano model of a USA tug corporation aircraft towing tractor	John F Sharp	Stand: BB
15	1/12 scale Meccano model of a WW2 mobile national fire service workshop	George Illingworth	Stand: BB
16	Eight cylinder radial Stirling cycle heat pump	Jameela M Boardman	Section 1

LECTURE DETAILS

3D Printing for Working Models

Neil Wyatt

Editor of Model Engineer & Workshop and author of 3D Printing for Model Engineers, Neil is an enthusiastic champion of 3D printing. He will be sharing practical approaches to using 3D printing to make working mechanisms, from sprung buffers and suspension to working differentials and tank tracks. He also has some special tips to get the best quality out of your printer.

Discover 3D Printing

Adrian Johnstone

Through the Gauge 1 3D Circle, Adrian has collaborated with many other model engineers to push the boundaries and explore what is possible in using 3D printing to make practical working models. Join him to learn how you can make the most of this new technology in your workshop.

How I Make Scale Fittings Using CNC

Roger Froud

Roger describes his process and reasoning behind the designs and methods he uses when producing scale fittings for his model locomotive.

Foundrywork

Noel Shelley

Noel's popular and entertaining talks are illustrated by a host of real-world examples and you can get to see the real equipment he uses – flasks, moulds, patterns etc. This talk is an excellent starting place for anyone wanting to try casting in their own workshop.

Get Started in Model Engineering

Society of Model and Experimental Engineers

Over 125 years old, the SMEE was founded by Percival Marshall the same year as he established the Model Engineer magazine. Come and hear a variety of voices explain how they got started in the hobby, and how they chose equipment and subjects to suit their space and budgets.

History of Brazing and its Principles

Shaun Meakin, CuP Alloys

Shaun literally 'wrote the book' on brazing and soldering. Come to this talk if you want to learn how to succeed in one of the defining skills for model engineers – bonding in ways that create joints stronger than the parent metals.

I built a CNC Mill. This is what I did next:

Dave Sanderson, Stevenson Trophy Winner 2025

Following the completion of a small, sturdy CNC mill, Dave Sanderson has started to put the machine to work in the precision machining field of watchmaking. This talk will run through some of the challenges and techniques Dave has used to make cases and dials in his ongoing project to build a complete watch.

Travels in Model Engineering

John Arrowsmith

As well as visiting events across the UK, John Arrowsmith has been to many and varied places across Europe in search of the wonders of model and full-size engineering. Join him as he shares some of the incredible models and prototypes he's seen on his travels.

DEMONSTRATIONS

Blades of Thunder

David Smith, Glen Davis and Paul Basset of the Blades of Thunder Model Helicopter Display Team will be demonstrating an impressive selection of scale model helicopters this year. The demonstration will feature Airwolf, Bell 47G, Bell UH-1B Huey, Bell 206 Jet Ranger, Westland Whirlwind HAS Mk.7 and Bell 206B-3 Jet Ranger III. These highly detailed models include working lights, sound and smoke effects, with the Huey also featuring a working Bambi bucket for a spectacular water-drop demonstration. See these scale helicopters take to the skies and experience the skill involved in flying these impressive models. Live demonstrations will be at 11.30am and 1.30pm each day.

Fosse Way Steamers

There will be a daily parade and photo opportunity Thursday, Friday and Saturday at 2.00pm and on Sunday at 12.30pm.

Gas Turbine Builders Association (GTBA)

The GTBA will demonstrate a range of miniature working gas turbine engines including turbojets and turbofans. These small engines develop a significant amount of power for their size and weight. Members are eager and willing to offer help and advice to experienced and novice model engineers alike, to demystify the engineering and science behind designing and building these awe-inspiring engines. Live demonstrations will be at 11am, 1pm and 3pm Thursday, Friday and Saturday and 11am and 1pm Sunday.

Gauge One 3D Circle

A group of over 300 large scale railway modellers with an online forum, a repository of publicly accessible free CAD models and a weekly Zoom meeting. They will have on display a range of Gauge 1 models built using traditional model engineering techniques along with a display featuring home-printed resin and filament designs. Advice on how to choose software systems and other parts of the software chain needed to run 3D printers will be available. Demonstrations will include using design software, printing using a filament printer and dry runs of a resin printer.

The Society of Ornamental Turners

They will be exhibiting equipment and artefacts associated with ornamental turning, including engine turning on metal. There will be live demonstrations using an antique ornamental turning lathe and a modern rose engine.

Stirling Engine Society

Discover the fascinating world of Stirling engines and see thermodynamics in action. The stand showcases engines that turn heat into motion, demonstrating the principles developed by pioneers such as Stirling and Kelvin. See these engines running and learn how heat, combustion and motion come together in engineering.

Model Engine Makers

This group are an online community of model engine machinists. Members will be present over the four days with a variety of static and running engines including internal combustion engines, external combustion hot air engines and pumping engines.

Society of Model and Experimental Engineers

The Society will have demonstrations on a lathe making some parts for two of Elmer's Engines and turning ball handles and will include the use of a Keats Fixture. Work on a mill will include drilling lightening holes on a small flywheel. Tool-grinding is an essential part of model engineering and members will demonstrate the use of home-built Worden and Stent tool grinders. There will also be a 3D printer running and examples of patterns for castings and small models.

UK Micromouse and Robotics Society (UMMARS)

UKMARS are a group who build miniature self-propelled autonomous robots and compete in national and international competitions for various challenges. At the exhibition you will see demonstrations of these autonomous robots (micro-mice) finding their way round mazes and quickly following a line on small test tracks. There will be experienced mice builders at the stand to answer your questions and explain how the robots work. To find out more information see www.ukmars.org.

TREASURE HUNT

The treasure hunt will return this year for our young engineers! Entry forms can be collected from the main entrance. Our thanks to Peter's Railways for providing items for the prizes. To find out about Peter's Railway visit https://petersrailway.com/