



# MIDLANDS MODEL ENGINEERING EXHIBITION

## FREE SHOW GUIDE



## THE SHOW FOR MODEL ENGINEERS

Welcome to yet another superb display of model engineering in all its fascinating variety. With hundreds of models of locomotives, rolling stock, traction, stationary and hot air engines, boats etc. plus workshop equipment and clocks – virtually every interest is represented.

Now in its 42<sup>nd</sup> year, the exhibition presents a fascinating display for your enjoyment, with nearly a thousand models on over 35 club and society stands.

We also have a wide range of specialist suppliers with over 50 companies represented, so in addition to viewing the model displays you'll be able to purchase virtually anything you might need for your modelling activities. Whatever you require, be it lathes, milling machines or machine tools, castings, materials, cutting tools and other necessities you'll find a wide selection, giving you the opportunity to compare and decide on the best for your needs. We also have a lecture programme with a range of different subjects, giving something of interest for every visitor.

In addition to the hundreds and hundreds of models, outside the exhibition hall the model steam road vehicles and a miniature railway will be in action for your enjoyment.

We hope that you enjoy your visit and thank you for joining us. Each year sees thousands of visitors enjoying THEIR exhibition, meeting old friends and making new acquaintances. We hope that with your support this continues for many years to come.

Chris Deith  
Exhibition Director

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## THURSDAY 17<sup>th</sup> to SUNDAY 20<sup>th</sup> OCTOBER 2019

Thursday - Saturday: 10am-5pm  
Sunday: 10am-4pm  
Last admission 1 hour before closing

## WARWICKSHIRE EVENT CENTRE

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THE MAGAZINE FOR MODEL ENGINEERS  
**ENGINEERING**  
in Miniature

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[www.midlandsmodeleengineering.co.uk](http://www.midlandsmodeleengineering.co.uk)

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## ALUTIGHT/PERMAGRIT

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**Stand: 81**

## BB ENGINEERING SUPPLIES

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T: 07976 539675  
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W: www.bbengineeringsupplies.co.uk  
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W: www.blackgates.co.uk  
*Model engineering products, drawings & castings.*  
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## CHESTER MACHINE TOOLS

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T: 01244 531631  
E: Sales@chestermachinetools.com  
W: www.chestershobbystore.com  
*Lathes, mills, drills.*  
**Stand: 95**

## CHILTERN MODEL STEAM ENGINES

T: 07941 800103  
E: modelsteam@btinternet.com  
W: www.chilternmodelsteam.co.uk  
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## CL9UD

1A Lychgate Ind Est, Rayleigh, Essex, SS0 7SB  
T: 07770 666607  
E: cloudninehk@icloud.com  
W: www.sittingoncloud9.com  
*Gadgets.*  
**Stand: 83**

## CNC4YOU

18 Alston Drive, Bradwell Abbey, Milton Keynes, MK13 9HA  
T: 01908 315011  
E: sales@cnc4you.co.uk  
W: www.cnc4you.co.uk  
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W: www.cupalloys.co.uk  
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## ENGINEERS EMPORIUM/L. A. SERVICES

Bramcote Works, Bramcote, Warwickshire, CV11 6QL  
T: 01455 220340  
E: info@theengineersemporium.co.uk  
W: www.theengineersemporium.com  
*Designers, manufacturers of live steam locomotives & kits, model petrol stationary engines, machined kits, castings & engineering services*  
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## ERIC'S RAILWAY ART

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**Stand: 88**

## EXGLUOK

27 Moss Lane, Styal, Wilmslow, Cheshire, SK9 4LF  
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**Stand: 51**

## FIVESTAR

W: www.shop-4-glue.com  
*Adhesives.*  
**Stand: 87**

## GLOFORCE

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E: westernsteam ltd@gmail.com or info@gssmodelengineers.com  
W: www.westernsteam.com or www.gssmodelengineers.com  
*Suppliers of model engineers materials & manufacture of copper boilers.*  
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W: www.hafixs.co.uk  
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## HJH TOOLING

Unit R15 Marshall Way, Commerce Park, Frome, Somerset, BA11 2FE  
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E: info@hjhtooling.co.uk  
W: www.hjhtooling.co.uk  
*New & used engineering tooling.*  
**Stand: 58**

## HOME AND WORKSHOP MACHINERY

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E: sales@homeandworkshop.co.uk  
W: www.homeandworkshop.co.uk  
*A selection of Myford lathes, milling machines & a wide selection of genuine lightly used machines, accessories, tools & measuring equipment.*  
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## JB CUTTING TOOLS

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W: www.jbcuttingtools.com  
*Engineering cutting tools & carbide inserts for the model engineer.*  
**Stand: 48+49**

## JLD FITTINGS

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T: 07917 793563  
E: jldfittings@sky.com  
W: www.jldfittings.com  
*Fittings for miniature traction engines & railway locomotives.*  
**Stand: S10**

## JUST THE TICKET

15 Hillside Drive, Gomeldon, Salisbury, Wiltshire, SP4 6LF  
T: 01980 610058  
E: justtheticketeng@googlemail.com  
W: www.justtheticketsupplies.co.uk  
*Traction engines & larger scale steam locomotives & stock up to & including 12" to the foot.*  
**Stand: 5**

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T: 0114 2651352  
E: keithnmarian@hotmail.com  
*Engineering Tools.*  
**Stand: 36**

## KONTAX ENGINEERING

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T: 01452 905001  
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W: www.stirlingengine.co.uk  
*Stirling & hot air Engines.*  
**Stand: 59**

## LARGE SCALE LOCOMOTIVES

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E: contact@largescalelocomotives.co.uk  
W: www.largescalelocomotives.co.uk  
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**Stand: 21**

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**Stand: 63**

## LIVE STEAM MODELS

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T: 01332 830811  
E: info@livesteammodels.co.uk  
W: www.livesteammodels.co.uk  
*Specialists for drawings, castings, machining & fittings inc. boiler fittings for a range of 3" - 6" traction engines.*  
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## MODEL ENGINEERS LASER

Miller House, Main Street, Hampole, Doncaster, DN6 7ET  
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**Stand: 78**

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*Engineering lathes & tools.*  
**Stand: 42+43**

## NOGGIN END METALS

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T: 01782 865428  
E: mike@nogginend.com  
W: www.nogginend.com  
*Raw materials.*  
**Stand: 55**

## PNP RAILWAYS

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**Stand: 77**

## POLLY MODEL ENGINEERING

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T: 0115 9736700  
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W: www.pollymodelengineering.co.uk  
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**Stand: 26-34 +41**

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W: www.soldersandfluxes.co.uk  
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W: www.stationroadsteam.com  
*Live Steam Models.*  
**Stands: 38+39**

## STEAM AGE NAMEPLATES

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**Stand: 84**

## STUART MODELS

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W: www.stuartmodels.com  
*Model stationary steam engines.*  
**Stands: 44+45**

## TEE PUBLISHING

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W: www.teepublishing.co.uk  
*Offer a wide range of new technical & modelling books. Also rare & out of print books.*  
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**Stand: S8**

## TRACY TOOLS

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W: www.tracytools.com  
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**Stands: 69-72**

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E: transwave@powercapacitors.co.uk  
W: www.transwave.co.uk  
*Operate three-phase machinery from your single-phase supply. Transwave static and rotary converters.*  
**Stand: 47**

## TURBOTRADE UK

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**Stand: 37**

## WALKER MIDGLEY INSURANCE BROKERS

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T: 0114 2502770  
E: enquiries@walkermidgley.co.uk  
W: www.walkermidgley.co.uk  
*Insurance.*  
**Stand: 13**

## WHOTZ HOT

8 Southway, Southwell Business Park, Portland, Dorset, DT5 2NL  
T: 01305 823888  
E: whotzhot@btconnect.com  
W: www.whotzhot.com  
*Wrench, hat, loppers, bowl*  
**Stand: S4**

## WUHU BRAND ARTS & CRAFTS CO

Door 3, Fuda Industrial Park, Douth Fengminghu Road, 241007, Wuhu, Anhui, China  
T: 0086-18655329399  
E: bowande@vip.163.com  
W: www.bowandeusa.com  
*Live steam models.*  
**Stand: 82**

## 70<sup>TH</sup> ANNIVERSARY OF RUGBY MODEL ENGINEERING SOCIETY

### Stand: B

Rugby Model Engineering Society are putting on a special display this year to celebrate their 70<sup>th</sup> anniversary. Go along to marvel at their exhibits and seek invaluable knowledge from their members.

## BRENT HUDSON AND BEN LYON'S PULLMAN CARS

### Main Entrance

A unique 42ft long display featuring seven identical Pullman Cars, presented by Brent Hudson and Ben Lyons. The cars are over 6ft in length and constructed using a full range of techniques including 3D cad, laser cutting, 3D printing and resin casting.

## 130<sup>TH</sup> ANNIVERSARY OF THE EIFFEL TOWER

### Stand: AA

Midlands Meccano Guild are bringing the Eiffel Tower to us this year! To celebrate the 130th anniversary of its official opening on 31st March 1889 the guild will be showcasing an array of models of the cultural icon.

## 20<sup>TH</sup> ANNIVERSARY OF POLLY MODEL ENGINEERING

### Near Main Entrance

Andy Clarke is sharing with us a range of models to celebrate 20 years ownership of Polly Model Engineering.

All printed information correct @ 09.10.2019 but subject to change due to circumstances beyond our control.

# DEMONSTRATIONS

Description	Days	Times
<b>Allendale Group</b> will be demonstrating their ultrasonic cleaners by degreasing car carburettors and machined parts.	Everyday	On request
<b>Beugler Paint Pinstripping Tools</b> will be demonstrating their Beugler lining tool which enables the user to easily produce high quality, uniform width painted lines.	Everyday	On request
<b>CNC4YOU</b> will be doing demonstrations of live machine cutting.	Everyday	On request
<b>Engineers Emporium</b> will be running their half size Hercules Economy hit and miss petrol engine and their half size Robinson hot air engine.	Everyday	On request
<b>Eric's Railway Arts</b> will be painting pictures of trains.	Everyday	All day
<b>Englo</b> will demonstrate an attachment for a drill that will allow you to do all the maintenance you need on sets of tracks.	Everyday	On request
<b>Hafix</b> will be demonstrating their High Performance Glue which is economical to use, has remarkable strength, resists water, oil, grease, and supports temperatures. Suitable for use with most materials.	Everyday	On request
<b>Le Tonkinois Varnish</b> will be demonstrating how their varnish removes your brush-marks and brings out the natural beauty of the timber.	Everyday	On request
<b>Whotzhot</b> will be demonstrating their Super Wrench it is compact enough to carry at all times and covers a multitude of sizes of nut, bolt or pipe.		
Club Demo's		
<b>Gas Turbine Builders Association</b> demonstrating one of their Gas Turbines, which reaches a massive 120,000 RPM.	Everyday	11.30am*
<b>Remap</b> have a 3D printer making small items; a two piece puzzle which will only separate using a special technique (top secret!!!).	Everyday	On request
<b>The Stirling Engine Society</b> shall be giving us a glimpse of Stirling engines in action, with a range of models and arrangements on their stand.	Everyday	On request

\*please note other demonstrations may be arranged during the day and that these will be announced over the PA system before commencement.

## ENGINEERING IN MINIATURE WORKSHOP

### **DEREK BROWN - Tool Sharpening and Steam Injectors**

Based in Rutland for over 30 years Derek Brown has been intrigued with model engineering since a schoolboy, keen on locomotives in 00, 0, 3½", 5" and 7¼" gauges and also very interested in the development of tooling and perfecting various methods and techniques. He has made many contributions to the model engineering press and has travelled the country giving talks to model engineering societies. A keen, but lapsed, pianist and repairer of church clocks, Derek is perhaps best known for his work on drill sharpening and metric screw cutting and not least for the books he has published, including the latest one on injectors.

In the workshop he will be demonstrating tool sharpening including drills; also steam injectors and the tools to make them.

### **CHRIS ROBINSON - Gear Cutting Machine**

Following a career in management in the oil industry after mechanical engineering training, Chris was keen to get back to real engineering upon retirement, buying a Colchester Student lathe and a mill. One project was building the Jacobs Gear Cutting machine which led to a keen interest in hobbing and modifying the machine to make helical gears using the standard cross feed (including low tooth counts and high helix angles - in effect worms), worm wheels using plunge feed, making worm wheels with ACME taps as hobs using tangential feed and finally a double enveloping worm & wheel set. A differential set up to allow the hobbing of spur gears with prime number tooth counts using non prime index gears has also been made.

An Excel spreadsheet has been developed to determine the correct index and feed trains for helical gears and making worm wheels with tangential feed which uses the mathematical device of continuous fractions. The machine will be demonstrated making worm wheels using an ACME tap as a hob with tangential feed. Chris will also have photographs and examples to demonstrate the many capabilities of this versatile machine and will be pleased to answer any questions visitors may have.

### **BRIAN SANKEY - 3D Printing**

Brian looks forward to welcoming you to the wonderful world of 3D printing. He will show you the different filaments available and what they are used for as well as what slicers are and the mysteries of simple CAD programs and where to obtain (free) files to print. Brian retired after a varied career mostly involving training and demonstrating. His hobbies include electronics and computing. He bought his first 3d printer about 5 years ago.

Little did he realise that there were so many variables to contend with. His first project was to print several upgrades to his second machine, the Ender 3, mostly to tidy up the appearance but also to improve the quality of print. Brian doesn't claim to be an expert printer but he will share with you an entry level point of view.

He will print various items over the 4 days from spare parts to prototypes and show you that what you can print is limited by your ability to design and your imagination.

On a more technical side, he will explain "Tramming"(or bed levelling) Calibration for filament and X/Y axis. A sample of do's and don'ts will be displayed and hopefully an explanation of how to rectify the problem.

### **NOEL SHELLEY - Pattern and Mould Making**

As a teenager Noel played with lead, melted in a bean tin on a fire in the garden. It must have been a catering size tin as he cast what could pass for a cannon ball. Then his interest lay dormant for many years as he worked in various fields of engineering and, in a bet which some would say he lost, ran a small waste disposal business for 20 years. You would never believe the many wonderful things people throw in a skip!!!!

Having brought and read most the books on foundry work he could find, as well as saving all sorts of bits and pieces that might come in handy to make a furnace he got a call telling him of a fellow near Norwich who was selling all one needed to get started in producing your own castings. This first furnace was affectionately christened "puff". It was a fearsome fire breathing beast.

By now the large collection of bits and pieces of all types were arranged in an orderly fashion and by Sunday evening they had become an extremely efficient and fast crucible furnace. The main components came from a washing machine, a spin dryer and a vacuum cleaner.

## OUTSIDE DEMONSTRATION

### **RUNNING THE FURNACE**

Noel Shelley will be returning to the Midlands Model Engineering Exhibition this year with his ever popular live furnace demonstration. This is taking place on Thursday, Friday and Saturday between 12.45pm and 1.45pm in the main outdoor exhibit area.

## COVENTRY MODEL ENGINEERING SOCIETY WORKSHOP AREA

### **COVENTRY MES - Wigwag Engine**

Sponsored by Chester UK, the Coventry MES will be making parts for a simple stationary steam engine known as "WigWag" and answering any queries you may have.

This is an ideal beginners project and the drawings are available free from the designer at <https://tinyurl.com/y4bqct4f>

In addition there is a youtube video by the designer showing it running available at <https://www.youtube.com/watch?v=cUCRCxHrjy8>

### **PETER STEVENSON - Shaping Sheet Metal**

Peter will be returning to share his knowledge on shaping sheet metal and has vast experience of forming metal by shrinking and stretching. He has made many parts for the Collett safety valve - make sure you go along and gain from his invaluable experience for your own projects. He will also be showing a selection of some part finished domes showing the stages needed to produce them.



# International MODEL BOAT SHOW Featuring TAMIYA TRUCKIN

## MODEL BOATS AT THEIR BEST!



**SATURDAY 9<sup>th</sup> & SUNDAY 10<sup>th</sup>  
NOVEMBER 2019**  
Daily 10am – 4pm Last admission 1 hour before closing

**WARWICKSHIRE EVENT CENTRE**

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ONLINE NOW AT DISCOUNTED PRICES**

[www.modelboatshow.co.uk](http://www.modelboatshow.co.uk)

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We are very pleased to be able to present for your enjoyment a full and varied lecture programme – details of which can be found on the back page of this guide.

Below are details of our lecturers and what topics they will be presenting. All lectures take place in Hall 1 to the right of the toilets underneath the mezzanine – a new location for 2019.

## **DEREK BROWN** *3D Modelling*

The lecture considers the principles behind 3D Modelling and how it differs from the traditional CAD process. The method is different from beginning to end and consequently gives rise to all sorts of problems, some of which might be foreseen but others which take the user by surprise.

It is a brilliant concept but for certain applications can be the biggest time-waster known to man. Comparisons are made between the mental torture which has to be endured in both processes and it is hoped that the session will stimulate interest and curiosity in the systems available. Derek will also offer his thoughts on the opportunities that there are for time saving by sending the 3D models direct for machining. Derek will also be in the workshop for hands on advice.

## **DR BRIAN NEALE** *Building a Wire EDM Machine*

Many model engineers will have come across a simple EDM machine or spark eroder, often for the mundane but necessary task of removing broken taps and drills from a piece of "work in progress." However, its big brother, the wire EDM machine, is a lot less common. The wire eroder allows you to cut complex profiles in difficult materials - ever wanted to create a form tool directly into a piece of high-speed steel?

These machines are increasingly being used in industry but are extremely rare in amateur workshops. Commercial machines are large or expensive or, usually, both! A few years ago a small group from the Society of Model and Experimental Engineers (SMEE) decided to build one as a joint project. This talk will discuss briefly how these machines work, how the team went about building one, and some of the successes and problems encountered on the way. The machine itself will be demonstrated on the SMEE stand in the exhibition.

## **NOEL SHELLEY** *Setting Up and Running a Small Scale Foundry for Model Engineers*

This lecture will look at everything you need to set up your own furnace, the construction of the furnace and all the equipment you need. Noel will also be in the workshop for hands on advice.

## **PHIL ABBOTT** *Steam In Model Boats*

Looking at the various designs of steam plants and layouts for model boats.

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

Judging will take place during the morning of Thursday 17<sup>th</sup> October.

Our Judging panel consists of; John Cox, Ken Daniels, Terry Morris, Neil Simkins, Norman Smedley, John Arrowsmith, Chris Thompson and Fred Dockroy.

The prize winners will be notified so that they can attend the presentation ceremony, which will take place on **Sunday 20<sup>th</sup> October at 2.00pm**. Certificates for 1st, 2nd, 3rd and Highly Commended 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.

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	

### **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 4pm on Thursday 17<sup>th</sup> October.

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

# VISITOR INFORMATION

**CASH MACHINE:** This is located next to Steam Boat Association.

**EXHIBITION BUS LINK:** Service on Thursday, Friday and Saturday. (No Service Sunday)

From Royal Leamington Spa Railway Station – on the main road directly outside the entrance to the station; 9:15, 9:45, 10:15, 10:45, 11:15, 11:45, 12:15, 12:45 lunch 14:00, 14:30 then as needed

From the Warwickshire Event Centre – from the front of the car park at the end of the walkway; 12:30, 13:00 lunch 14:15, 14:45, 15:15, 15:45, 16:15, 16:45, 17:15

Fares are £3.00 Each Way. 35 seats available.

**FIRST AID:** If you require first aid please see any member of our security staff or go directly to the first aid room which is situated at the foot of the stairs to the restaurant.

**LOST PROPERTY:** Please go to the organisers' office at the main entrance or see any member of our security staff.

**ORGANISERS' OFFICE:** Located by the main entrance.

**PLACES TO EAT AND DRINK:** Restaurants are available in both halls. Hall 1 has a first floor restaurant whilst Hall 2 has event catering.

**TOILETS:** Ladies and Gents facilities are located underneath the mezzanine in Hall 1 and outside behind Hall 2. There is also a disabled toilet at the end of Hall 1.

**OPENING TIMES:** Thursday – Saturday: 10.00am – 5.00pm,  
Sunday: 10.00am – 4.00pm (Final Admissions 1 hour before closing)

*Should you require any assistance whilst at the exhibition, please contact either the organisers or a member of the security team or go to the main entrance.*

Outside the main exhibition halls, we welcome again our Fosse Way Steamers. Each year these exhibits are in steam for your enjoyment with their wide selection of engines on display. Make sure you catch the daily parade at 2pm on Thursday, Friday and Saturday and 1pm on Sunday. At all other times walk along and meet the owners. The range of exhibits this year includes;

No	Owner	Entry
1	Tony Baldwin	4" Scale Foster DCC Traction Engine "Shirley B"
2	Ken Wood	4" Scale Burrell Traction Engine "Victory"
3	Peter & Margaret Dobbin	4" Scale Ruston Proctor Traction Engine "Helen"
4	Phil Scarborough	4" Scale Garrett Traction Engine "Lady Lucy"
5	Paul & Sue Riley	4" Scale Foster Agricultural Engine "Heather"
6	Paul & Sue Riley	6" Scale Massey Ferguson 135 Battery Powered Tractor
7	Dave Oliver	3" Scale Burrell Traction Engine "Margaret Rose"
8	Stephen Harbach	Alan Pell 35 Keyless Organ "Penelope Jane"
9	Richard Haynes	4" Scale Burrell Traction Engine "Bertie"
10	Richard Haynes	3" Scale Aveling & Porter Traction Engine "Lady Joan"
11	Jon Poulter	4 1/2" Scale Burrell Traction Engine with a replica 1/2 size Drummond Bros of Guildford Saw
12	Anthony Batting	4" Scale Foster Agricultural Engine "Lilian" with 4" Ransomes Baler
13	Richard Kew	6" Scale Ruston Proctor SD Tractor "Mary G"
14	Stephen Lee	4" Scale Foster Traction Engine "Tracey Jane"
15	Ann McCorkell	3" Scale Aveling & Porter Traction Engine
16	Les Riley	4" Scale McLaren Road Locomotive
17	Ian Morris	6" Scale Ruston Proctor SD Tractor "An Calliach"
18	Peter Spikings	3" Scale Foster D/C Compound Showmans Engine "Millierose"
19	Stephen Honey	4" Scale Scenice Showman's Engine "Lady Of The Lake"
20	Ann McCorkell	6" Scale Land Rover and Trailer
21	Richard Kew	6" Scale Timber Trailer & Rack Saw "Steady Eddie"
22	Ian Day	4" Scale Fowler BB1 Ploughing Engine
23	Ian Day	4" Scale Savage Little Samson Engine "John Stanley"
24	Chris & Ian Clipston	4 1/2" Scale Foden Short Wheel Base Steam Lorry "Penny"

Our Fosse Way Steamers are again sponsored by Signal Fuels. See them in the car park to buy your fuels or contact them at [www.signalfuels.co.uk](http://www.signalfuels.co.uk) Tel: 01773 747027.

The Coventry Society of Model Engineers will also be presenting the 5" Gauge Track for passenger rides in association with the Polly Owners Club.



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**7 1/4" GAUGE SOCIETY**

**Stand: L**  
Frank Cooper  
[www.sevenandaquarter.org](http://www.sevenandaquarter.org)

**10 1/4" GAUGE SOCIETY**

**Stand: C**  
Aidan Favell  
[www.tenquarter.org](http://www.tenquarter.org)

**BIRMINGHAM SOCIETY OF MODEL ENGINEERS**

**Stand: MM**  
Stephen Harrison  
[www.birminghamsme.com](http://www.birminghamsme.com)

**BLACKHEATH MODEL POWERBOAT CLUB**

**Stand: I**  
Phil Abbott

**BROMSGROVE SOCIETY OF MODEL ENGINEERS**

**Stand: R**  
Peter Maybury  
[www.bromsgrovesme.co.uk](http://www.bromsgrovesme.co.uk)

**CITY OF OXFORD SOCIETY OF MODEL ENGINEERS**

**Stand: E**  
Ron Head  
[www.cosme.org.uk](http://www.cosme.org.uk)

**COVENTRY MODEL ENGINEERING SOCIETY**

**Stand: K**  
Mike Sweatman  
[www.coventrymes.co.uk](http://www.coventrymes.co.uk)

**EREWASH VALLEY MODEL ENGINEERING SOCIETY**

**Stand: KK**  
Bernard Marsh  
[www.ewr.org.uk](http://www.ewr.org.uk)

**GAS TURBINE BUILDERS ASSOCIATION**

**Stand: DD**  
James Hill  
[www.gtba.co.uk](http://www.gtba.co.uk)  
*Everyday at 11.30am  
please note other demonstrations may be arranged during the day and that these will be announced over the PA system before commencement.*

**GAUGE 1 MODEL RAILWAY ASSOCIATION**

**Stand: A**  
Mick Mumford  
[www.g1mra.com](http://www.g1mra.com)

**GAUGE 3 SOCIETY**

**Stand: HH**  
Edward Sadler  
[www.gauge3.org.uk](http://www.gauge3.org.uk)

**GUILD OF MODEL WHEELWRIGHTS**

**Stand: LL**  
Brian Young  
[www.guildofmodelwheelwrights.org](http://www.guildofmodelwheelwrights.org)

**HEREFORD SOCIETY OF MODEL ENGINEERS**

**Stand: GG**  
Nigel Linwood  
[www.hsme.co.uk](http://www.hsme.co.uk)

**IC ENGINE BUILDERS GROUP**

**Stand: NN**  
Mike Cole

**KINGSBURY WATER PARK MODEL BOAT CLUB**

**Stand: EE**  
Andrew Hines  
[www.kwpmc.co.uk](http://www.kwpmc.co.uk)

# MONSTRATIONS

## KNIGHTCOTE MODEL BOAT CLUB

**Stand: II**  
Chris Moir  
[www.kmbcmodelboatclub.com](http://www.kmbcmodelboatclub.com)

## LONDON & NORTH WESTERN RAILWAY SOCIETY

**Stand: PP**  
Ken Wood  
[www.lnwr.org.uk](http://www.lnwr.org.uk)

## MELTON MOWBRAY & DISTRICT MODEL ENGINEERING SOCIETY

**Stand: F**  
Stuart Maddison  
[www.mmmes.co.uk](http://www.mmmes.co.uk)

## MIDLANDS MECCANO GUILD

**Stand: AA**  
George Illingworth  
[www.midlandsmeccanoguild.com](http://www.midlandsmeccanoguild.com)

## MILTON KEYNES CLOCK CLUB

**Stand: D**  
David Fieldhouse  
[www.bhi.co.uk](http://www.bhi.co.uk)

## MODEL STEAM ROAD VEHICLE SOCIETY

**Stand: QQ**  
Peter Redfearn  
[www.msrvs.co.uk](http://www.msrvs.co.uk)

## NATIONAL 2½" GAUGE ASSOCIATION

**Stand: G**  
John Baguley  
[www.n25ga.org](http://www.n25ga.org)

## NORTHAMPTON SOCIETY OF MODEL ENGINEERS

**Stand: JJ**  
Leslie Spikings  
[www.nsme.org.uk](http://www.nsme.org.uk)

## NORTHERN ASSOCIATION OF MODEL ENGINEERS

**Stand: M**  
Alan Budd  
[www.normodeng.org.uk](http://www.normodeng.org.uk)

## NOTTINGHAM SOCIETY OF MODEL & EXPERIMENTAL ENGINEERS

**Stand: FF**  
Chris Ball  
[www.nsmee.org.uk](http://www.nsmee.org.uk)

## OO LIVE STEAM

**Stand: Q**  
Maurice Rourke  
[www.ooolivesteam.com](http://www.ooolivesteam.com)

## REMAP (COVENTRY & WARWICKSHIRE)

**Stand: CC**  
Robin Kenward  
[www.remap.org.uk](http://www.remap.org.uk)

## RUGBY MODEL ENGINEERING SOCIETY

**Stand: B**  
Edward Parrott  
[www.rugbymes.co.uk](http://www.rugbymes.co.uk)

## SOCIETY OF MODEL & EXPERIMENTAL ENGINEERS

**Stand: O**  
Ralph Thompson  
[www.sm-ee.co.uk](http://www.sm-ee.co.uk)

## THE SOCIETY OF ORNAMENTAL TURNERS

**Stand: H**  
Robert Wade  
[www.the-sot.co.uk](http://www.the-sot.co.uk)

## SOUTHERN FEDERATION OF MODEL ENGINEERING SOCIETIES

**Stand: S**  
Ivan Hurst  
[www.southernfed.co.uk](http://www.southernfed.co.uk)

## STEAM BOAT ASSOCIATION

**Stand: P**  
Andrew Hopper  
[www.steamboatassociation.co.uk](http://www.steamboatassociation.co.uk)

## STIRLING ENGINE SOCIETY

**Stand: N**  
Graham Sheard  
[www.stirlingengines.org.uk](http://www.stirlingengines.org.uk)

## WOLVERHAMPTON & DISTRICT MODEL ENGINEERING SOCIETY

**Stand: BB**  
Martin Bedson  
[www.wolverhampton-dmes.net](http://www.wolverhampton-dmes.net)

## THE YOUNG ENGINEERS

**Stand: J**  
Pat Hendra  
[www.eyecub.co.uk](http://www.eyecub.co.uk)

## CELEBRATIONS AND SPECIALS

### BRENT HUDSON AND BEN LYONS' PULLMAN CARS

**Stand: Near Entrance**

### 20<sup>TH</sup> ANNIVERSARY OF POLLY MODEL ENGINEERING

**Near Main Entrance**

### 70<sup>TH</sup> ANNIVERSARY OF RUGBY MODEL ENGINEERING SOCIETY

**Stand: B**

### 130<sup>TH</sup> ANNIVERSARY OF THE EIFFEL TOWER

**Stand: AA**

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Last entry Friday & Saturday 4.00pm Sunday 3.00pm.  
The Model Active Zone will close at 3.30pm on Sunday.



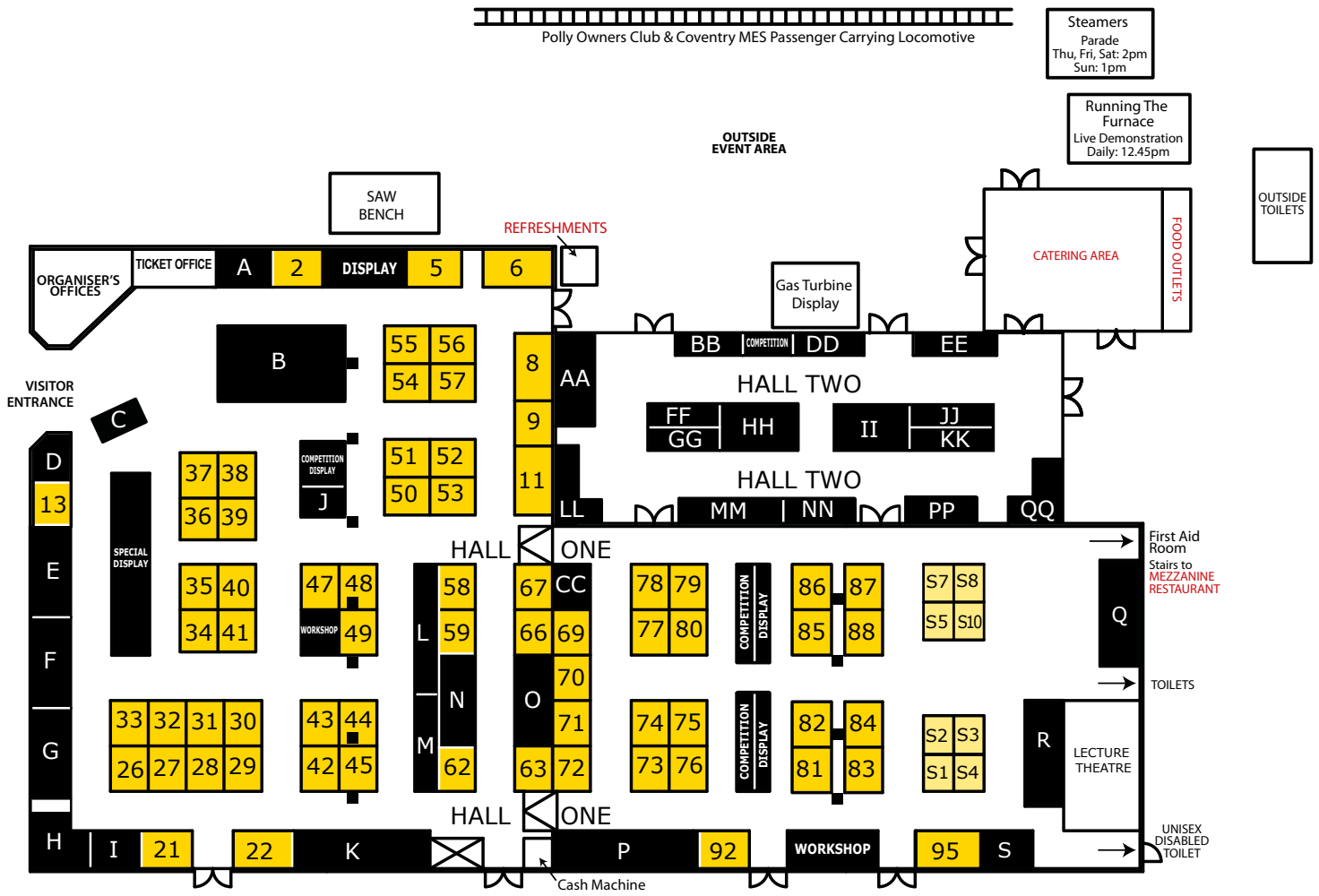

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# FLOOR PLAN



## List of Specialist Suppliers

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Abbots Model Engineering	<b>6</b>	Gloforce	<b>52</b>	PNP Railways	<b>77</b>
Aerospace Surplus Trader	<b>73</b>	Greenwood Tools	<b>54</b>	Polly Model Engineering	<b>8-11</b>
Allendale Group	<b>74+75</b>	GS Model Supplies & Western Steam	<b>92</b>	RDG Tools	<b>26-34+41</b>
Alutight/Permagrit	<b>81</b>	Hafix Industrial Products	<b>76</b>	Solder Connection	<b>53</b>
BB Engineering Supplies	<b>51+52</b>	HJH Tooling	<b>58</b>	Station Road Steam	<b>38+39</b>
Beugler Paint Pinstriping Tools	<b>57</b>	Home and Workshop Machinery	<b>79+80</b>	Steam Age Nameplates	<b>84</b>
Blackgates Engineering	<b>85+86</b>	JB Cutting Tools	<b>48+49</b>	Stuart Models	<b>44+45</b>
Chester Machine Tools	<b>95</b>	JLD Fittings	<b>510</b>	Tee Publishing	<b>66+67</b>
Chiltern Model Steam Engines	<b>55</b>	Just the Ticket	<b>5</b>	The Craftlight Company	<b>58</b>
Cl9ud	<b>83</b>	Keith Robinson Engineering Tools	<b>36</b>	Tracy Tools	<b>69-72</b>
CNC4YOU	<b>56+57</b>	Kontax Engineering	<b>21</b>	Transwave Converters T/A Power Capacitors	<b>47</b>
College Engineering Supply	<b>22</b>	Large Scale Locomotives	<b>59</b>	Turbotrade UK	<b>37</b>
CuP Alloys (Metal Joining)	<b>2</b>	LE Tonkinois Varnish (D A & B E Murkin)	<b>63</b>	Walker Midgley Insurance Brokers	<b>13</b>
Engineers Emporium/ L. A. Services	<b>50+53</b>	Live Steam Models	<b>62</b>	Whotz Hot	<b>54</b>
Eric's Railway Art	<b>88</b>	Model Engineers Laser	<b>78</b>	Wuhu Brand Arts & Crafts Co	<b>82</b>
Exglo UK	<b>51</b>	Myford	<b>42+43</b>		

## Society Stands, Clubs and Demonstrations

7¼" Gauge Society	<b>L</b>	Boat Club	<b>O</b>	Society of Model & Experimental Engineers	<b>O</b>
10¼" Gauge Society	<b>C</b>	Knightscope Model Boat Club	<b>II</b>	The Society of Ornamental Turners	<b>H</b>
Birmingham Society of Model Engineers	<b>MM</b>	London & North Western Railway Society	<b>PP</b>	Southern Federation of Model Engineering Societies	<b>S</b>
Blackheath Model Powerboat Club	<b>I</b>	Melton Mowbray & District Model Engineering Society	<b>F</b>	Steam Boat Association	<b>P</b>
Bromsgrove Society of Model Engineers	<b>R</b>	Midlands Meccano Guild	<b>AA</b>	Stirling Engine Society	<b>N</b>
City of Oxford Society of Model Engineers	<b>E</b>	Milton Keynes Clock Club	<b>D</b>	Wolverhampton & District Model Engineering Society	<b>BB</b>
Coventry Model Engineering Society	<b>K</b>	Model Steam Road Vehicle Society	<b>QQ</b>	The Young Engineers	<b>J</b>
Erewash Valley Model Engineering Society	<b>KK</b>	National 2½" Gauge Association	<b>G</b>		
Gas Turbine Builders Association	<b>DD</b>	Northampton Society of Model Engineers	<b>JJ</b>		
Gauge 1 Model Railway Association	<b>A</b>	Northern Association of Model Engineers	<b>M</b>	<b>SPECIAL DISPLAYS</b>	
Gauge 3 Society	<b>HH</b>	Nottingham Society of Model & Experimental Engineers	<b>FF</b>	Brent Hudson and Ben Lyons' Pullman Cars	<b>Main Entrance</b>
Guild of Model Wheelwrights	<b>LL</b>	OO Live Steam	<b>Q</b>	20th Anniversary of Polly Model Engineering	<b>Near Main Entrance</b>
Hereford Society of Model Engineers	<b>GG</b>	REMAP (Coventry & Warwickshire)	<b>CC</b>	70th Anniversary of Rugby Engineering Society Model	<b>B</b>
IC Engine Builders Group	<b>NN</b>	Rugby Model Engineering Society	<b>B</b>	130th Anniversary of the Eiffel Tower	<b>AA</b>

## Lecture Programme

Thursday 17 <sup>th</sup> October		
Time	Lecture Topic	By
11.30am	Building a Wire EDM Machine	Dr Brian Neale
12.30pm	3D Modelling	Derek Brown
1.30pm	Steam Model Boats	Phil Abbott
2.30pm	Setting Up and Running a Small Scale Foundry for Model Engineers	Noel Shelley
Friday 18 <sup>th</sup> October		
11.30am	Building a Wire EDM Machine	Dr Brian Neale
12.30pm	3D Modelling	Derek Brown
1.30pm	Steam Model Boats	Phil Abbott
2.30pm	Setting Up and Running a Small Scale Foundry for Model Engineers	Noel Shelley
Saturday 19 <sup>th</sup> October		
12.30pm	3D Modelling	Derek Brown
1.30pm	Steam Model Boats	Phil Abbott
2.30pm	Setting Up and Running a Small Scale Foundry for Model Engineers	Noel Shelley
Sunday 20 <sup>th</sup> October		
2.00pm	PRESENTATION OF AWARDS	

Outside Demonstrations		
Time	Lecture Topic	Location
11.30am Daily	Gas Turbines Builders Association	Outside Event Area
12.45pm Daily	Running the Furnace By Noel Shelley	Outside Event Area