

Scaleforum 2024

When

Saturday 21st September: 10:30–17:30
 Sunday 22nd September: 10:00–16:00

Where

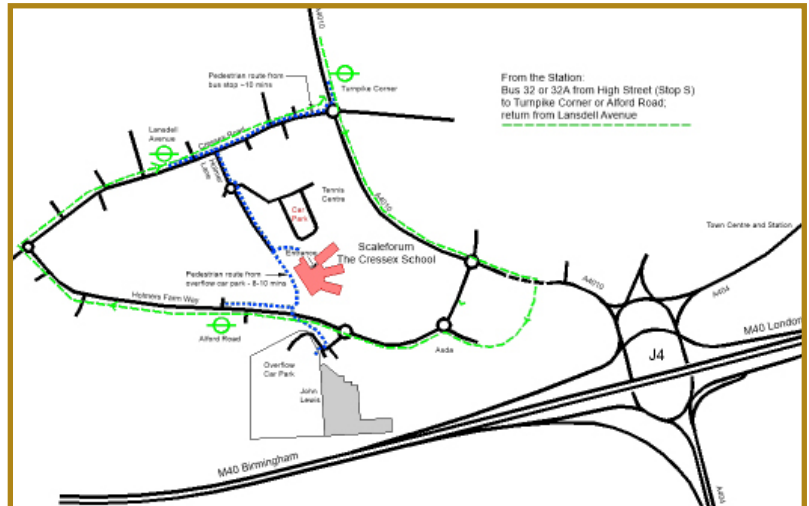
Cressex Community School, Holmers Lane, High Wycombe HP12 4QA
 For SatNav: HP12 4UD
 What3Words: cards.retail.modern

Entrance

Adult Member:	£10.00
Adult Non-member:	£12.00
Accompanied child:	Free
Advance tickets: scalefour.org	As above

See

www.scalefour.org/scaleforum



Welcome to **Scaleforum 2024**. The show is, as always, dedicated to showcasing the very best in 4mm railway modelling. We have a variety of layouts (some well-known and some less so), demonstrations, and lectures, covering a variety of aspects of the hobby from traditional skills to cutting edge technology, and a wide range of trade support. We hope that you will find the show an enjoyable day (or weekend) out.

Many of you will be aware of the debate across the hobby and within the Society about the future of exhibitions post-pandemic and the Committee would again welcome your feedback about this year's event to help us plan a show that you would want to attend in the future.

Catering

On-site catering ranging from teas and coffees through sandwiches and snacks to hot meals will be available on both days provided by Rachel's Event Catering. Food and drink will be served from the servery in the main atrium and there will be plentiful seating in this area.

Getting to the Show

Cressex School is situated on the edge of High Wycombe and is easily accessible by car from the M40 Motorway, Junction 4. There is on-site parking for approximately 140 cars and overflow car-parking can be found on the nearby retail sites (please check any restrictions that apply) — this will involve a 10-minute walk to the show entrance, see plan above.

For SatNav please use postcode HP12 4UD (What3Words is cards.retail.modern). Take the turning off Cressex Road opposite the Cressex Dental Centre. There is a bus service (Route 32/32A) that runs from High Wycombe High Street (Stop S) to Turnpike Corner, a 5 minute walk from the Show. There are taxis available from High Wycombe Station which is 2 miles from the Show venue.

Bring and Buy Stand

The Bring and Buy Stand provides your opportunity to sell some of those unwanted items gathering dust in the kit pile or to pick up one or two of those hard-to-find items that you have been looking for.

The Bring and Buy stand will operate throughout the weekend. It will open to sell items on both days 30 minutes after the Show opens although items for sale can be dropped off before then. All goods must be paid for at the time of purchase and the Society will have facilities for card payments available at the stand.

All items for sale will need to be listed on the Bring and Buy forms which can be downloaded from the Society

website at www.scalefour.org/shows/bringandbuy.

The terms and conditions are also set out on the Bring and Buy forms which provide guidance on labelling items to be sold. All items are accepted on the stand entirely at the seller's risk and the Society accepts no liability regarding the condition or suitability of items sold on behalf of a member.

The Society takes a 10% commission on any sales made which helps support the Society's activities.

Items for sale must be for 4mm scale. Railway related books, in good condition, will be accepted but the stand is not able to accept magazines, DVD's or videos for sale. All items offered for sale are accepted at the Bring and Buy Manager's discretion.

Society Competitions and Awards

A number of competitions and awards are made at Scaleforum:

The Model Railway Journal Chalice

The MRJ Chalice was established in 1986 to mark the Society's tenth anniversary and is awarded by Wild Swan. No formal entry is required as the judges, who are appointed by MRJ, will select the winner from anywhere in the show, on a layout, one of the trade stands or demonstrators. The judges will be seeking models which show excellence in 4mm scale modelling.

The York Trophy

The York Trophy is presented in memory of the late Ken York and is awarded to the layout which in the opinion of those attending is the most interesting or gives the most pleasure. This means exactly what it says and does not necessarily mean the best technically, the best modelled layout or the most complete layout. The trophy will be awarded to the layout gaining the most votes from attendees at Scaleforum — please take time to vote on the form provided on your arrival.

Lectures

On both days James Walters will be talking about Trackwork, and Terry Bendall will be talking about "I do it my way – 50 years of modelling to P4 standards". Location and times will be on display and confirmed on each day of the show.

3D CAD designs for model railways

David Lane

D

David was supposed to demo at Scaleforum a couple of years ago but had to withdraw on the Friday due to having gone down with Covid. But he is here now and will be demonstrating how he uses the free version of **Autodesk Fusion** to produce designs for 3D printing for both resin and FDM printers, plus life-like renders if you want to see your models before they are built!

Fusion itself is a powerful programme, benefits include

importing and scaling drawings, maps or photographs as background images. Also adding parameter settings to be able to change adjustable variables such as the number of spokes or a diameter of a wheel. Although self-taught David will hopefully be able to explain the basics of **Fusion** and more advanced features if you use the programme already.



Abergavenny Blackbrook

L

Newport Model Railway Society

When we set out on this project we wanted a portable layout for exhibitions, well presented, but quick to build. So we opted for laser cut baseboards, standard Exactoscale point kits, ready-made buildings and we managed to constrain the size to three 1.2 metre scenic boards plus a fiddle yard. After discussing a number of possibilities locally we eventually settled on Abergavenny as the location. In our version of history, the town has developed to a larger size than in reality and warranted a further station to service the expanded population.

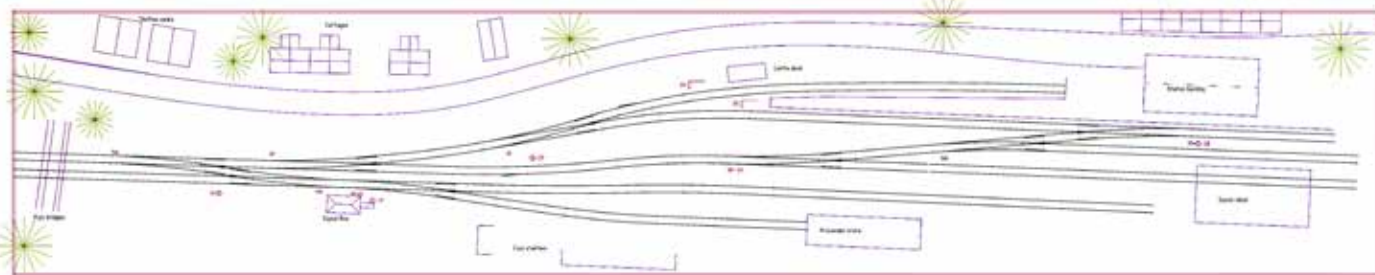
When operating we have followed our standard club practice of having a signalman in overall control, with drivers controlling the trains. The station driver works trains from the fiddle yard towards themselves and into the station, whilst the fiddle yard driver brings trains into the yard. We nearly always operate to a fixed sequence which helps reliability as the same stock is always on the same train using the same track. So they should couple and uncouple successfully making operation more enjoyable.

The club has used DCC for control for over 15 years and this layout uses a mix of electronics. The DCC control is via NCE handhelds and as well as controlling the locos, we use DCC to operate points, signals and uncouplers. The stock uses Dingham auto-couplers and originally we used electromagnets but have now fitted permanent magnets which are raised and



lowered by servos.

The locomotives we run reflect those seen on the North and West line, but given the size of *Abergavenny Blackbrook* we tend to avoid the four-cylinder ex-GWR classes, and the ex-LMS locos are under represented. For passenger stock we make use of the "M set" comprising two brake thirds, an all third and a composite for the mainline trains and have an auto trailer with the obligatory 14xx. The other stock is made up of a set of four non-corridor coaches that are intended to replicate the Workmen's train to the ROF establishment at Glascoed. Freight stock tends to be a mixture but we try to aim at the prosaic rather than the exotic. Both types of stock are a mix of kit built and modified proprietary from many sources.

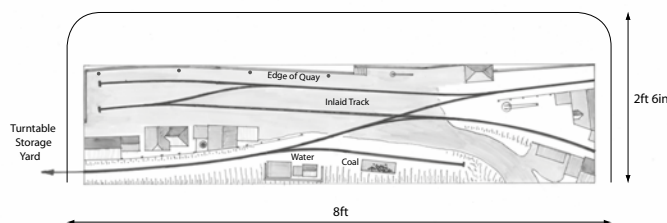


Arun Quay

G

Gordon Gravett

Arun Quay is a fictitious quayside yard on the River Arun in west Sussex. It is modelled in 7mm scale with a track gauge of 31.2mm - this reduces the flangeways, improving both the general appearance and running through the crossings.



Scaleforum 2024

Battery-powered radio control D

Ted Scannell, Tony McSéan and Nick Allport

The team will this time be demonstrating a real-world example of the advantages of this alternative form of power and control, with a small demonstration layout *Straiten Road* showing all the good points!

Expect something a little different, perhaps not following what are considered the "norms" of layout building. See further details on page 28 in this issue.

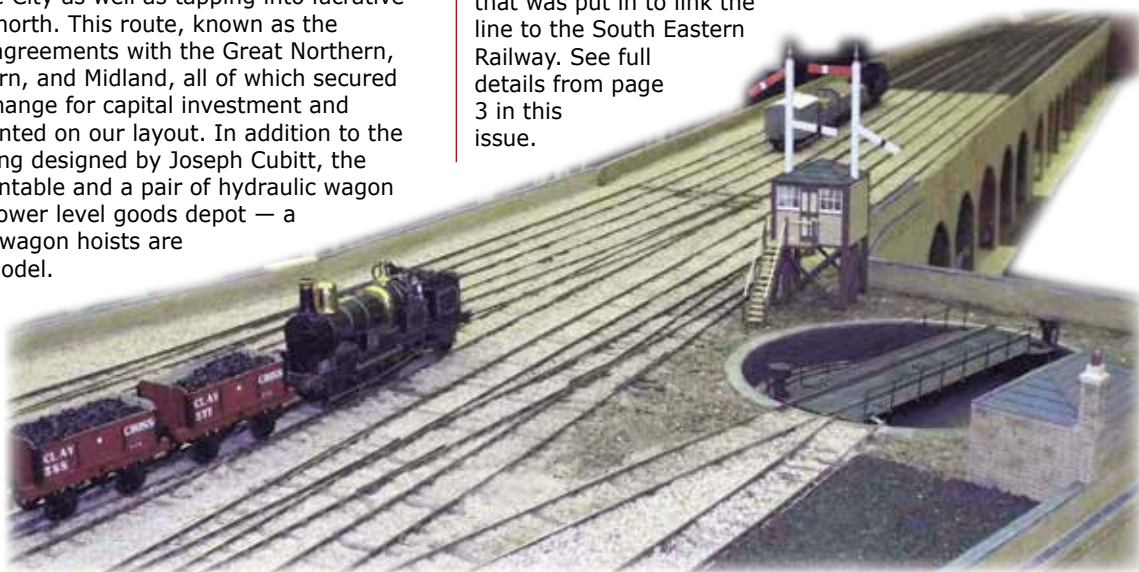


Blackfriars Bridge L

Blackfriars Bridge Model Railway Group

Opened in 1864, *Blackfriars Bridge* represents the London, Chatham & Dover's ambitious and successful attempt to gain access in to the City as well as tapping into lucrative goods traffic from the north. This route, known as the "Widened Lines", saw agreements with the Great Northern, London & South Western, and Midland, all of which secured running powers in exchange for capital investment and whose stock is represented on our layout. In addition to the imposing station building designed by Joseph Cubitt, the station contained a turntable and a pair of hydraulic wagon hoists which feed the lower level goods depot — a working turntable and wagon hoists are also a feature of our model.

Set in 1873, our model is an accurate replica of the station in the prime of its brief existence before the opening of St Paul's (or Blackfriars as it is now known) and the closure of *Blackfriars*



Bridge to passenger traffic on the 1st October 1885. Most of the main station building was then demolished and the site restructured as a goods depot. Even in its short life as a passenger station the track layout was changed several times but we have chosen to build it before the opening of Hopton Street Goods and the spur that was put in to link the line to the South Eastern Railway. See full details from page 3 in this issue.

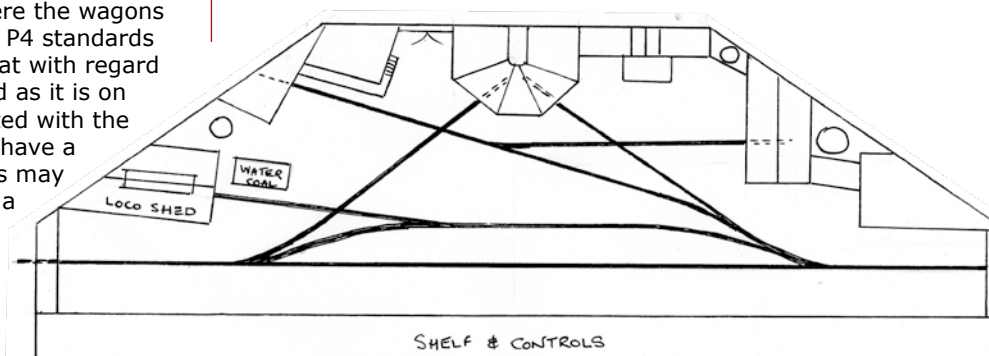
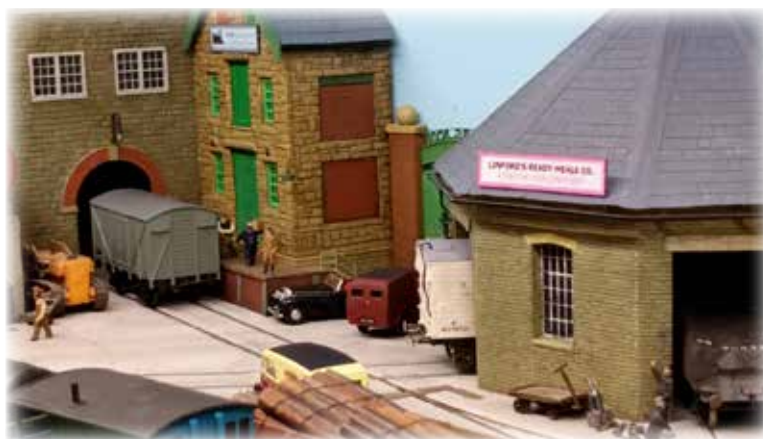
Braynerts Sidings L

Paul Gittins

Following the departure of my *Enigma Engineering* layout to pastures new and in due course experiencing withdrawal symptoms, I eventually decided to build a follow-up layout based on similar principles (ie small size and a puzzle with limiting features for stock movement to make it more interesting).

Braynerts Sidings is the result, a small industrial complex somewhere in England served by its own private railway (BR of course). It features a slightly more involved track plan compared to my old *Enigma Engineering* layout but uses the same style of card system to dictate where the wagons are to be positioned. Built again to P4 standards and pushing the envelope somewhat with regard to track and point geometry (based as it is on Peco Setrack!) the layout is exhibited with the intention for exhibition visitors to "have a go" at operating. All such operators may be awarded a Polo Mint — so have a go. What do you have to lose?!

If you have any questions regarding the construction (or even WHY!!) then don't hesitate to ask them.



Butley Mills L

Andy Vincent

Originally built by Iain Rice in P4, *Butley Mills* is a layout that many people know through the black and white photographs that were included in Iain's books and articles. In many ways it helped inform his later work on cameo layouts. Part of the sequence of layouts set in Suffolk that were built by Iain and Bob Barlow, it has been carefully refurbished to enable it to make a limited number of exhibition appearances and allow many people to see it again. Now converted to EM and DCC operation, the layout is operated from the front.



Adrian Colenutt



Chassis construction D

Simon Bolton

Simon has spent a great deal of his life as a primary school teacher and railway modeller. He is very pleased to be asked to demonstrate and discuss chassis construction at **Scaleforum**, bringing these two passions together with much less risk of little burnt fingers.



DEMU S

DEMU (Diesel and Electric Modellers United) is the essential society for anyone interested in the accurate modelling of the British diesel and electric era. The Society's magazine, *UPdate*, is a valuable source of essential information to assist those modelling the contemporary scene or recent history of the UK rail network. Members of the society will be able to explain the benefits of membership and display some quality modelling. Find out more about the society by going to the website at www.demu.org.uk.



Dioramas D

Dave Hawkins

Dave will be showing *Bramsdan*, a diorama of an East Suffolk town set in 1957 and recently featured in *Model Railway Journal*. Buildings have been constructed over a number of years initially using a traditional approach, but more recently using custom etched and laser-cut components.



Ditchling Green G

Stephen Williams

Alongside Martyn Welch's *Hursley*, Gordon Gravett's *Ditchling Green* can lay a justifiable claim to being one of the seminal layouts that reshaped the trajectory of 7mm scale modelling in the late 1980s, with its emphasis on high-quality scenic modelling as a central part of the concept of the layout. Set on an imagined and very secondary route from Lewes, along the course of the South Downs, to a junction at Keymer between Burgess Hill and Hassocks, the layout captures — in a remarkably small space — an unmistakable sense of place and period that offers a charming representation of the Southern Region of British Railways in a small Sussex town in the 1950s. After an absence from public view of almost thirty years, that included a period of "exile" in France, and now in the ownership of Scalefour Society members Rex Davidson and Stephen Williams, this iconic model is presently undergoing a programme of general restoration and repair, ahead of a planned return to the exhibition circuit in 2025. Since Gordon retained all the original stock from the layout, a programme of new construction of engines, coaches and wagons is also in-hand, some examples of which we hope will be on display. Although still a "work in progress", Rex and Stephen will be demonstrating to visitors how they are



bringing the layout back to full working order and explaining some of the ways that the model is being developed. As befits such an important model, the restoration work aims to retain as much as possible of the original concept and modelling that Gordon invested in the layout, but the opportunity is being taken to develop its operational scope through the addition of a second fiddle yard to provide end-to-end working. Some changes have also been made to the working of the narrow-gauge industrial line that is a prominent feature of the layout, including the introduction of steam haulage.





Fryers Lane L

Mark Forrest

Fryers Lane owes its existence to the **Scalefour Society's** Standard Gauge Workbench (SGW) initiative, which required the layout to have a scenic length less than 4' 8½" (1435mm). As originally built, the track layout was based on Bloxwich on the Walsall to Rugeley line in the West Midlands, although with single track instead of double. The purpose was to try out a few different products and techniques that I'd not used before and to see how I got on with working to P4 tolerances. At home, it serves as a scenic test track for a variety of different rolling stock projects.

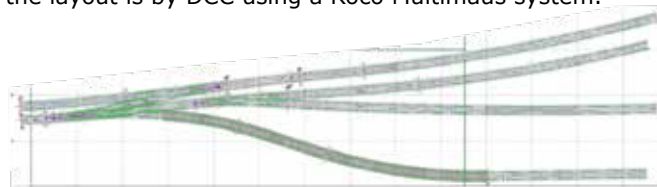
The layout attended a number of exhibitions in this original format with a fiddle yard at either end to enable through running. In 2022 I took the decision to extensively rebuild the layout and replace the fiddleyard at the left end with a short scenic board, increasing the size of the scenic section to 2100mm. At the same time, the depth was also increased, by adding approximately 150mm to the front. The extensions nearly doubled the scenic area of the layout.

As at Bloxwich the rearmost siding leaves the loop to connect to an off-scene industrial site. To add to operational interest I've added a rail connected warehouse to the other siding; during the rebuild a third siding was added to provide further operating interest.

While the track plan is based on Bloxwich, the layout can be run with stock from most areas and could suit stock from the 1970s through to the 2000s. At present it uses stock that reminds me of my trainspotting days in the



late '80s and early '90s. Unlike my previous projects that have involved kit built or heavily modified stock, I've tried to make use of ready to run stock as much as possible. Initially most of the wagons were re-wheeled and fitted with suspension; very little else was changed, apart from some weathering. I'm now revisiting the stock to add further detail and bring it up to a consistent standard. Locomotives have been converted using replacement wheelsets. The locomotives and stock use Alex Jackson couplings. Control of the layout is by DCC using a Roco Multimaus system.



Getting into P4 D

John Chambers, Mike Ainsworth and Jeremy Good

Apart from the obvious opportunity for a game of "Match the Head to the Name", these three gentlemen will be letting you into the secret of why "getting into P4" is such a good thing to do in life. They will also be explaining how P4 is not that difficult, and has left them with time over the years to help with the running of your society.



Come along with whatever questions you have to get some guidance as to how to make those first steps.

Midland Railway Society S

The society will have a comprehensive bookstall featuring MRS publications, back issues of their Journals, other publications relating to the Midland Railway, and information

on the Midland Railway Study Centre housed in the Museum of Making in Derby. In addition a number of models of MR rolling stock in various gauges & scales will be on display.

Missenden Abbey S

Railway modellers have been honing their skills at Missenden Abbey Railway Modellers' unique Weekends for more than 50 years. We offer hands-on, practical courses with some of

the best known tutors in the hobby, covering the many and varied skills you need to build the model railway of your dreams. Our weekends and the week long Summer Retreat give you the opportunity of uninterrupted time indulging yourself in your hobby, in the company of like-minded individuals with a wealth of knowledge to call upon if needed.

Picton L

David Bywater

The model represents Picton Station with only minor concessions to scale. Now closed, Picton station lies on the former Leeds Northern (previously Leeds & Thirsk and after 1854 the North Eastern Railway) line between Northallerton to Eaglescliffe. It became a junction on the 3rd of March 1857 on the opening of the North Yorkshire & Cleveland Railway to Stokesley. Whilst ultimately we would like to be able to represent workings for the mid to late nineteen fifties period, for **Scaleforum** we are relying on additional stock from friends. You may witness anything from NER days to blue era diesels and anything in between! Additionally, control may be as diverse as DC, DCC and RC, and we hope that this variety will be of interest to visiting members and non-members alike.



Pwllheli



Jonathan Buckie



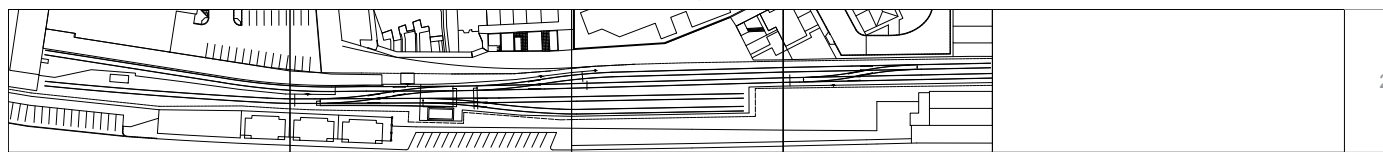
Situated in north-west corner of Wales, on the Llyn Peninsula, Pwllheli is the northern terminus of the Cambrian Coast Railway. Eight return workings a day traverse the coastal route to Machynlleth with services continuing onward to Shrewsbury. The layout attempts to convey an impression of the station and its surrounding area as it appeared between 2000-2012 prior to ERTMS coming into operation, with a regular DMU passenger service, interspersed with an occasional heritage rail tour or engineer's train.

Buildings and associated details have been laser cut from MDF, Rowmark, etc using drawings created in **AutoCAD**. Where possible these drawings are based on actual plans obtained through Gwynedd Council or, where these are unavailable, from photographs or a Google street view survey. Locomotives and rolling stock are based on prototypes



British Railway Modelling

recorded as running on the Cambrian line during the period modelled. These are predominantly RTR models from Bachmann, Dapol, Heljan or Hornby, converted to P4 by replacing the wheels with either Black Beetles or the appropriate Alan Gibson conversion set. The layout is operated by DCC using NCE equipment Points are driven by "standard" servos, controlled through an ESU switch pilot servo configured for analogue input.



Rospeath Lane



Ian Johnson

Ian has been persuaded to show his embryonic entry to Scalefour Society's Jubilee Challenge, in the spirit of encouraging others. It is a fictional Great Western Railway engine shed situated in Cornwall. The premise is based on the 1898 proposal for the Lands End, St. Just Railway including a junction at Sancreed for Newlyn. This scheme required a junction to the Great Western Railway east of Marazion. His proposal is that a station similar to Marazion or Gwinear Road will have been constructed between the junction and Rospeath Lane bridge. An Engine Shed may then have been built south of Crowlas just off Rospeath Lane to serve Penzance, St. Just, Newlyn, Gwinear Road

and St. Ives. During the 1930s the original engine shed would have been rebuilt and extended using the Government Loans Act to George Churchwood's straight road engine shed design.

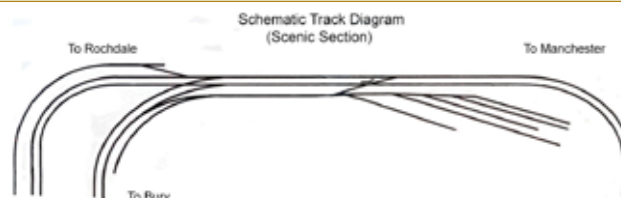


Slattocks Junction



Manchester Model Railway Society

Slattocks Junction is based on the area around Castleton South Junction on the ex L&Y Line between Manchester Victoria and Rochdale, as running in the period 1955 to 1960. It is digitally controlled including lighting, which features theatrical weather effects. Stock is a mixture of scratch built, kit built and modified proprietary items. All the track (including turnouts) on the scenic boards is handbuilt. Most buildings and structures have been assembled utilising laser cut parts.



Scalefour Society Stand



Members of the Committee will be available on the Society Stand throughout the show so please do stop for a chat about Society matters. We will be pleased to deal with any queries that you may have, suggestions about what the Society does and feedback on the show. If you are not a member of the Society, the Team will be able to give you more information on what the Society is about and the benefits of membership. Our **Membership Secretary**,

Steve Carter, will be on hand if you are inspired by the show to join the Society. Most importantly, if you have any queries about any aspect of railway modelling this is the first port of call to ask for assistance — if the Committee members on the stand don't know the answer to your query, they will know someone who does!



Guide correct at time of going to press. For any later changes please visit

www.scalefour.org/scaleforum.

Scalefour Society Stores/Exactoscale

Jeremy Suter, the Society's **Stores Officer**, will be at the show with the Stores. On sale will be the essential gauges necessary for modelling to P4 standards, along with materials for building your own trackwork including filing jigs and components. The stores also supplies a wide range of essentials for P4 modelling including rolling stock wheels, chassis and components, locomotive parts and the Society Lever Frame kits.

A one-off addition this year will be Eddie Bourne who will be selling off an Exactoscale Miscellany — see details in the letters column on page 51.

Details of the Stores can be found online at <https://www.scalefour.org/stores/stores.html>, or <https://www.scalefour.org/eshop/> for non-members.



Soldering, including using the RSU

David Brandreth

D

David will be demonstrating general kit building — wagons rather than locos — of etched and white metal. This will include help and guidance with soldering, both conventional and resistance. He will have a display of wagons, all kit built and a number which have been modified — for example springing, sprung buffers, replacement parts and added detail. David has two excellent videos on the subject on the

Society YouTube channel — Understanding Soldering (<https://www.youtube.com/watch?v=voZIRHMsFfk>)

and A Guide to Resistance Soldering

(<https://www.youtube.com/watch?v=oTL6VLHNW1U>) — and will be happy to cover any aspect of soldering whether discussed on the videos or not.



Pendon Museum

S

Described as "Britain's best landscape diorama", the museum uses highly detailed models to bring the past to life in 1:76 scale. Pendon aims to preserve the idyllic rural scene and transport of the 1920s and 30s in a miniature form for future generations to enjoy. The Dartmoor scene provides a realistic

backdrop for a variety of authentic trains whilst the iconic Vale Scene provides a breathtaking vista representing the Vale of White Horse in the 1930s. Pendon showcases modelling of the highest quality as well as being home to the ground-breaking Madder Valley Railway. For more information and details of the benefits of becoming a Friend of Pendon please speak to the team on the stand, or visit www.pendonmuseum.com.

South Western Circle

S

The South Western Circle is for railway historians and enthusiasts interested in the London & South Western Railway (LSWR). The Circle aims to assist and encourage members to enhance their knowledge of the LSWR and its successors with research and quarterly publication of the Circle's magazine

The South Western Circular. Members also receive a quarterly *Circle News* and, when published, any of the Circle's *Monographs* (see page 52), which contain comprehensive information about a particular LSWR topic that is too extensive for inclusion in *The South Western Circular*. For more information on joining, please speak to one of our members on the stand or visit our website www.lswr.org.

Trackwork

James Walters & John Jones

John and James will be demonstrating a variety of track building techniques, with a focus upon the innovative **Templot** Plug Track. John is a prolific track builder in all scales and regularly inspires beginners to pick up the soldering iron through his popular track-building workbench on RMWeb where he is known as "Hayfield". James has been exploring the potential of the **Templot** Plug Track through his YouTube channel (@Bexhillwest) and will be delighted to share his experiences with the software. They will have demonstrations of the software and hardware required to get started with 3D printing Plug Track as well as tips and advice for those who prefer more traditional approaches to track construction.



D

T

James will also be giving a lecture on each day about using **Templot**. There has been quite a buzz around Martin Wynne's innovative "Plug Track" experiment which builds upon the well established **Templot** software and allows complex, prototypically accurate track components to be made at home using desktop equipment. James will seek to demystify some of the processes and show just how simple it can be to build complex formations. James will run-through basic **Templot** functions before exploring Plug Track specific processes which will produce the 3D files required to print the components at home. A Q&A session will follow. During the lecture examples will be passed around for inspection and a copy of the presentation and tutorial guides will be made available for download after the show. You can see a further introduction from page 46 of this issue.

Use of machine tools in railway modelling

Terry Bendall

D

T

Small machine tools such as a drilling machine, lathe or milling machine are certainly not essential for successful railway modelling but they do make some things much easier to do. Terry Bendall will be demonstrating the use of the lathe starting with very basic tasks and progressing to the profiling of OO wheels using the Society's form tool. Methods of work holding will be shown and requests for particular process to be demonstrated



can be accommodated. Work using a small vertical milling machine will also be shown. You can find more of an introduction from page 32 of this issue.

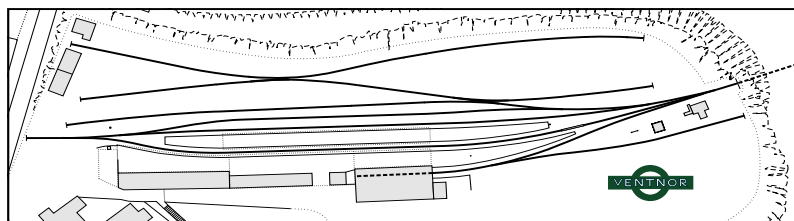
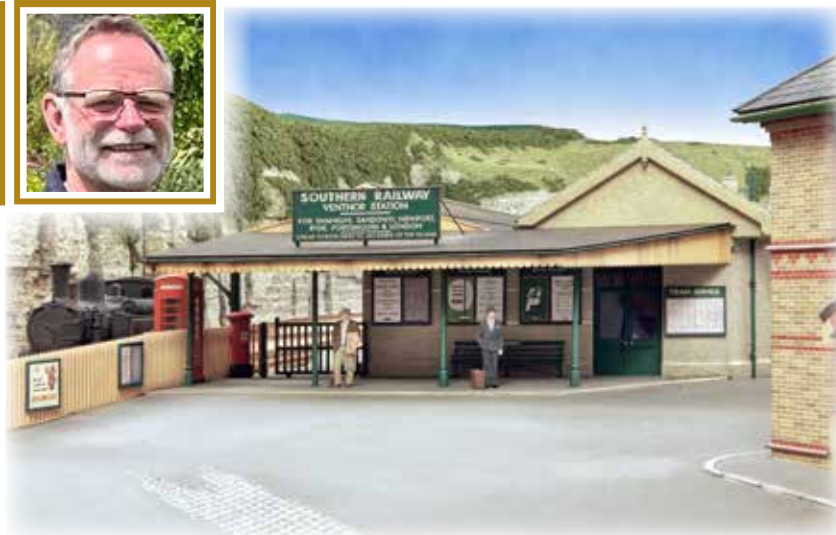
Terry will also, on both days, be giving a lecture entitled "I do it my way — 50 years of modelling to P4 standards". In that period Terry has contributed to the construction of eight layouts built to P4 standards either as a member of the Mid-Sussex Area Group or with his son and these have covered various periods from 1910 to 2000. He is currently working on layout number nine which will be his first layout for himself and which will be set in 1919. Expect a few contentious comments and some thoughts on "Getting It All Right".

Ventnor L

Andy & Mathew Gannon



The layout is intended to convey an impression of the scene at Ventnor station on a summer weekday six years before closure. It is Friday 3rd June 1960, sunny and hot with a heat haze. We were both there on this day. Dad records in his diary: "Real scorcher today". The railway is running to full capacity including movements of goods and parcels. Ventnor station is busy with a frequent train service with large numbers of holiday makers arriving and departing. Most of the buildings, structures and rolling stock have been scratch built but commercial products have been used or adapted wherever necessary. The locos are mainly kit built or Kernow P4 conversions standing on etched brass chassis of our own design. We chose to build to finescale standards primarily with the aim of achieving a faithful reproduction of the trackwork. Attaining this objective together with the production of accurately detailed buildings and a large selection of prototypical rolling stock has so far presented the greatest challenge!



VIEWING SIDE

Wantage Tramway L

Robin Gay



The layout is a model of the Wantage Tramway as it appeared in the early 1920s.

At this period there was a regular passenger tram service between Wantage town and Wantage Road GWR station. The tramway also had a freight contract with the GWR to deliver and pick up all goods around the town and district. This resulted in at least three return goods trains being run each day along the tramway. On Market days there would be extra trams and even a cattle train, so one of these days has been chosen to portray the tramway for the extra interest.

Although this layout was started several years ago, the large number of buildings that needed to be researched, photographed, measured and later built (many of which were knocked down 50 to 70 years ago) has meant that it has taken a long time for the layout to get this far.



Weathering without an airbrush D

James Makin



Weathering can be perceived by some as a "dark art" but James Makin is passionate about encouraging even the most fearful modellers to get stuck in and have a go. James will share a range of tried and tested weathering techniques that can be practiced across a variety of mediums and show how the practice of layering several simple processes on top of one another can result in a very effective model.

As a young upstart, James burst onto the scene in 2005 by winning a DEMU Small Layout Competition with his *Wells Green TMD* layout, then aged just 18. In the years since he has been a founding member of Worthing Model Railway Club's *Loftus Road* layout and is currently building a 4mm scale rendition of *Didcot Parkway* (see www.facebook.com/didcotparkway), set in the late 1990s. James has contributed to most major model railway publications, and more recently the Key Publishing *Modelling British Railways*

bookazine series, alongside regular online weathering demonstrations for Accurascale.



You can see examples of his work on his RMWeb Workbench Thread at <https://www.rmweb.co.uk/forums/topic/44066-james-makins-workbench-1990s-dirty-diesels-grotty-wagons/>

Trade Support

A key attraction of Scaleforum is the ability to do all of your 4mm finescale shopping in one place. Attending will be a wide variety of traders to enable you to track down those hard to find parts, or perhaps see some entirely new products. The list of traders currently expected at the show, at the time of going to press, are as shown here.

247 DEVELOPMENTS

1 Pen Y Banc, Seven Sisters, Neath SA10 9AB
www.247developments.co.uk 01639 701583
Etched name and numberplates, detailing components

ALAN GIBSON

PO Box 597, Oldham OL1 9FQ
www.alangibsonworkshop.com 0161 678 1607
Kits, wheels and accessories

BILL HUDSON TRANSPORT BOOKS

Unit 1, Dimple Road Business Centre, Matlock, Derbyshire DE4 3JX
www.billhudsontransportbooks.co.uk 01629 580797
New and secondhand transport books.

BLACKSMITHS MODELS

<https://blacksmithmodels.co.uk>
Etched loco, carriage and wagon kits

BRANCHLINES

PO Box 4293, Westbury, Wiltshire BA13 9AA
sales@branchlines.com 01373 822231
Rolling stock kits, motors, gearboxes and wheels

BRASSMASTERS

PO Box 1137, Sutton Coldfield, West Midlands B76 1FU
www.brassmasters.co.uk
Locomotive, underframe and detailing kits

CAMBRIAN MODELS

PO Box 85, Greenhithe, Kent DA10
www.cambrianmodelrail.co.uk 01322 515672
Plastic wagon kits and metal wires and sections

C&L FINESCALE TRACK BUILDING SYSTEMS

125 Reaver House, 12 East Street, Epsom, Surrey KT17 1HX
<http://www.clfinescale.co.uk> 01372 458604
Track and track parts

DART CASTINGS/MONTY'S FIGURES/MJT

17 Hurst Close, Staplehurst, Tonbridge, Kent TN12 0BX
www.dartcastings.co.uk 01580 892917
Scenic modelling and rolling stock accessories

DINGO SERVO MOUNTS

103B Liberty Lane, Addlestone, Surrey KT15 1NW
dingoservo.co.uk 07754 901324
Servo mounts and control boards

HIGH LEVEL KITS

14 Tudor Road, Chester-le-Street, County Durham DH3 3RY
www.highlevelkits.co.uk 0191 388 2112
Locomotive/chassis kits, motors and gearboxes

ISINGLASS MODELS

23 Oak Tree Road, Thatcham, Berkshire RG19 4QP
www.isinglass-models.co.uk 07973 768080
LNER drawings and resin rolling stock kits

JUDITH EDGE KITS

5 Chapel Lane, Carlton, Barnsley, South Yorkshire S71 3LE
www.ukmodelshops.co.uk/catalogue/judithedge 01226 722309
Etched locomotive kits

LONDON ROAD MODELS

PO Box 643, Watford, Hertfordshire WD24 5DZ
www.londonroadmodels.co.uk
Etched locomotive and rolling stock kits

MDN DESIGNS

www.mdndesigns.com
3D printed wagons and scenic items

MODEL RAILWAY DEVELOPMENTS

87 Copthorne Road, Leatherhead, Surrey KT22 7EE
<https://emardee.org.uk> 01372 817504
Detailing components and accessories

MODELSTOCK

www.modelstock.co.uk
The former ABS range of 4mm kits and detailing parts

PRE-GROUPING RAILWAYS

10 Duke Street, Dalton-in-Furness, Cumbria LA15 8HH
www.pregroupingrailways.com 01229 219875
Pre-group rolling stock kits, Flippem couplings

PRICKLEY PEAR PRODUCTS

Blackdown Mill House, Mill Lane, Punnett's Town, Heathfield, East Sussex TN21 9H 01732 368911
Etched rolling stock kits

RUMNEY MODELS

Bryanstone, Glewstone, Ross-on-Wye, Herefordshire HR9 6AW
website.rumneymodels.co.uk
Etched locomotive and wagon underframes/kits

SCALEFOUR STORES & ALSO...

ONCE-ONLY EXACTOSCALE MISCELLANY

The Society Stores will be present as usual — see <https://www.scalefour.org/stores/stores.html> (for members) or <https://www.scalefour.org/eshop/> (for non-members).

For details of the Exactoscale Miscellany see the letters column on page 51

SQUIRES/SOUTH EASTERN FINECAST

100 London Road, Bognor Regis, West Sussex PO21 1DD
www.squirestools.com 01243 842424
Tools and modelling supplies, locomotive and carriage kits

SUNNINGWELL COMMAND CONTROL

10 Sunningwell Village, Abingdon, Oxfordshire, OX13 6RB
<https://scc4dcc.co.uk> 01865 730455
DCC control equipment and accessories

TIM HORN BASEBOARDS

9C Millers Close, Fakenham NR21 8NW
www.facebook.com/timhornlasercutting
 07920 510890
Laser cut baseboards

TRANSPORT TREASURY

16 Highworth Close, High Wycombe HP13 7PJ
<https://ttpublishing.co.uk/transport-books/>
 01494 708939
Railway books