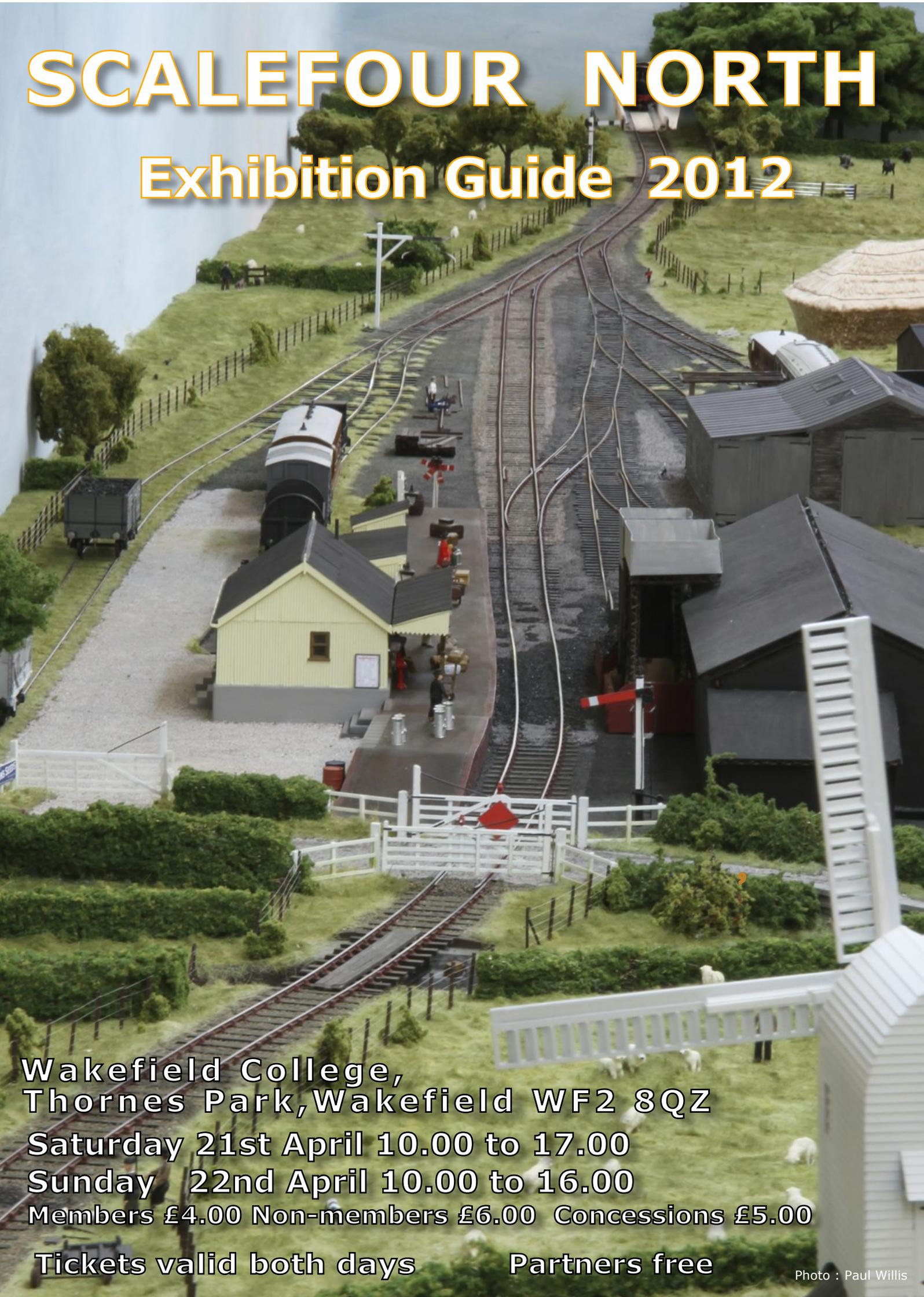


SCALEFOUR NORTH

Exhibition Guide 2012

A detailed model railway layout featuring a station with a yellow building, a train, tracks, and a windmill. The scene is set on a grassy hillside with various structures and tracks.

Wakefield College,
Thornes Park, Wakefield WF2 8QZ

Saturday 21st April 10.00 to 17.00

Sunday 22nd April 10.00 to 16.00

Members £4.00 Non-members £6.00 Concessions £5.00

Tickets valid both days

Partners free

Scalefour North 2012

Welcome!



Scalefour North is 25!

Scalefour North 2012 marks our Silver Jubilee as it is the 25th show in its present guise. The first "Scaleforum North", as it was initially christened, was held in Barnsley in 1988 and, although a relatively small show, it proved immensely popular with finescale modellers and was repeated again the next year, this time in Holmfild House, Wakefield, just a stone's throw from our present location in Thornes Park. Scalefour North soon earned a reputation for fine modelling in a relaxed environment and became a regular show on the exhibition circuit. Circumstances forced us to move from Holmfild House in the early 90s and for two years Huddersfield Technical College housed the show, followed by several years at Horbury school, then in 1998 Scalefour North moved to our present home - Wakefield College. Looking back at the early shows it is interesting to recall the different layouts which have appeared over the years. Like their owners, some are still going strong but sadly some are no longer with us. We are delighted that one of the layouts to appear at our very first show - *Witton Junction Engine Shed* by David Fenney - is to appear again at Scalefour North, 25 years later.



We have also enjoyed tremendous support from the specialist model railway trade over the years and are grateful to all those traders who come back year after year.

Scalefour North provides a unique opportunity for like-minded Model Railway Enthusiasts to meet, talk, exchange ideas or information and generate new friendships or revive old ones. To encourage dialogue between visitors and exhibitors, we don't place barriers in front of the layouts; so please feel free to ask advice from the exhibitors: this is what the show is all about. Over the years, many new and innovative ideas, which have advanced the art of finescale modelling, have emanated from the members of the Scalefour Society. We believe that Scalefour North provides the ideal showcase to present these new developments, and we hope that all visitors will be inspired by what they see over the weekend.

And everyone is welcome

While the exhibition is organised primarily for Scalefour Society members, we always warmly welcome the many non-members who visit the show each year, whatever their scale or interest. Do chat to us about what we do. If you are sufficiently impressed or intrigued by the Scalefour standards, then you can join the Scalefour Society here and now - in which case your admission fee is reduced. The membership desk is near the entrance and our Membership Secretary, Danny Cockling, will explain all.

The Best Layout in the Show

The Clive Walton-Evans trophy is awarded each year to the most popular layout in the show as judged by our visitors. Please complete your voting slip and place it in the ballot box before leaving. The award will take place on Sunday afternoon at 15.00.

Moreover

In addition to the layouts, we have:

- Lectures and a range of demonstrations, where we hope you ask questions and learn new modelling techniques.
- the leading 4mm finescale specialist traders.
- the Society's Bring and Buy stall where there is bound to be something of interest. Our special thanks go to members of the Manchester Area Group for running the Bring and Buy stand. The form to accompany your Bring items can be found at: <http://www.scalefour.org/bring&buy/form1.pdf>

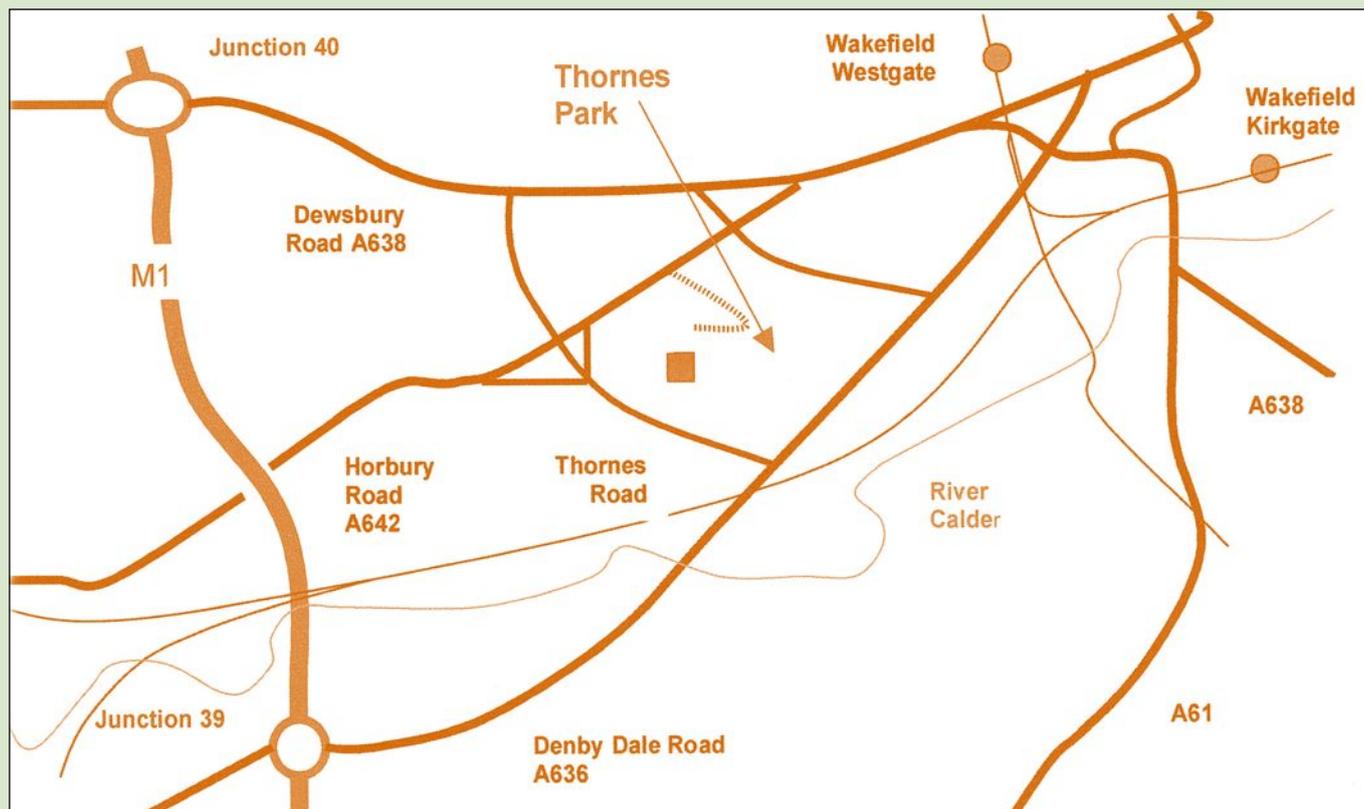
Refreshments

A range of hot and cold food and drinks will be available in the College refectory over lunchtime on both days.

We hope you enjoy the show

The Scalefour North Team

If you haven't been before . . .



Orienteering

From all over the city you should follow the brown signs to Thornes Park Athletic Track and then follow our Scalefour signs. The grid reference for the ordnance survey maps is SE3244198

By Road

From the North using the M1, exit the M1 at Junction 40, approach the Town Centre along Dewsbury Road then turn right into Horbury Road and then left when you see the Wakefield College signposts into Thornes Park. See map opposite. There is ample free parking in the large car park located to the right at the top of the driveway, follow the Scalefour signs. Parking for disabled permit holders is available outside the front entrance to the college (continue past the main car park entrance and take the next right turn). From the South, exit at Junction 39, approach along Denby Dale Road, turn left into Thornes Road and then right into Gill Sike Road. Another right brings you into Horbury Road, then turn right when you see the Wakefield College signposts into Thornes Park, and proceed as above.

By Train

Cross Country Trains operate hourly through services to Wakefield Westgate from the South West, Birmingham, Derby and Sheffield and also from Edinburgh, Newcastle and York. East Coast Trains operate from London Kings Cross, Peterborough and Doncaster. Local services operate to Wakefield Westgate and Kirkgate stations. Good bargains are to be had, especially if you book well in advance.

It is quite practical to walk from the stations and will take around 15 – 20 minutes. From Wakefield Westgate, turn right out of the station approach into Westgate End and continue until the road forks where you bear left into Horbury Road. Wakefield College entrance is on your Left after a short distance. One advantage of walking is that you can see the live steam miniature railway near the entrance to Thornes Park.



By Bus

Bus services passing Thornes Park entrance are:

231 and 232 from Wakefield bus station at XX.05 and XX.35, calling at Westgate Railway Station approx. three minutes later. Arriva Buses 216 and 217 run every 12 minutes from Wakefield bus station and also pass Westgate Railway station.

And if you don't manage to come . . .

Or if you did and want to relive the experience, the Scalefour Society website www.scalefour.org offers a splendid

RETROSPECTIVES section, containing photos and details of exhibits appearing at recent society shows - Scaleforum, Scalefour North and Scalefour South West.

LECTURES

Saturday 11.00

TEMPLOT

Tony will explain how to make the most of this most useful track design and template printing computer software system.

Tony Wilkins

Saturday 14.00

Building etched coach kits

When Dave Carter set out to build a rake of Lancashire and Yorkshire coaches, no suitable pre-grouping transfers were available, so with the cooperation of the L&Y Society and the HMRS he set about producing them. Dave will be talking through the stages involved in building 4mm scale coaches from etched kits including the process of painting and finishing.

Dave Carter

Sunday 11.00

Making model railways seem to earn their living

A railway exists to convey traffic and make money doing so. Jim looks at operating practices and oddities on the real railway, the whys and wherefores, and how to reproduce them in 4mm scale.

Jim Summers

DEMONSTRATIONS

DCC

Graham will be on hand to show how he obtains such wonderful smooth running with DCC equipped P4 locos, and if you are thinking of changing to DCC he will answer your questions on how to get started.

Graham Seed

Painting and Lining

Adrian Prescott is a full time professional model builder and painter and will reveal some of the 'tricks of the trade' to help you produce models that you are proud of, work properly and also look the part. Whether you model the elegance of the pre-grouping companies at their height or the all too sad, filthy days of the 1960s, he will help you capture that all elusive feel for the prototype. He will be showing you how to add that all-important lining, using a bow pen and fine brush. Examples of previous work can be seen on www.moseleycottage.com

Adrian Prescott

Loco Construction

Dave will be showing a selection of his model locomotives built with the aid of kits, the emphasis being on the larger prototypes of mostly LMS and BR standard origin with outside valve gear. David's chassis are compensated, with the bogies and pony trucks taking their share of the weight distribution.

Dave Holt

Modelling Buildings for *Dewsbury*

Geoff will be explaining his approach to modelling the buildings that surrounded the Great Northern Railway station in Dewsbury in the pre-grouping period. This has involved research, site surveys of surviving buildings, and the creation of AutoCAD drawings followed by the actual construction of the model buildings.

Geoff Tiffany

Modelling Trees

Locally based Charles will be demonstrating how he creates amazingly realistic trees, which are surprisingly tall when modelled to scale height in 4 mm scale.

Charles Shearn

Track Construction

Tony will be demonstrating the art of track construction using the traditional soldered ply and rivet method generally known as the Joe Brook-Smith system. He has been using this system for more years than he cares to remember and finds its inherent flexibility and adjustability still takes a lot of beating. At the time of writing, he cannot say exactly what he will be building, but is sure it will be of interest. Feel free to ask questions.

Tony Wilkins

VISITING SOCIETIES

The Lancashire & Yorkshire Railway Society (founded 1950)

The Lancashire & Yorkshire Railway Society has supported and provided information for modellers for 60 years. We can help you with information, so you can build your dream layout. Our colour "magazine" contains articles about modelling, and our historical journal "LYR Focus" contains a wealth of information about the railway. With over 75% of our membership modellers, why not join a band of over 800 dedicated enthusiasts; you won't regret it. Some suppliers produce kits and bits exclusively for our membership, but the Society is willing to work with all manufacturers and attempts to obtain discounts for members on kits and publications, thereby adding value to membership. Being an educational charity, the Society aims to bring together all those with an interest in the "Lanky", whether that is historical research or modelling. Interested? You can contact us through our web page www.lyrs.org.uk our advert in this guide, or better still visit our stand while at the show.

The Historical Model Railway Society

HMRS is the society for all interested in modelling or researching the history of railways in Britain. Located at the Midland Railway Centre's Swanwick Junction site near Butterley in Derbyshire, our Museum and Study Centre houses the society's archive, library, photographic and drawings collections. It is also home to a wide display of model railways and contains the HMRS shop, selling a large selection of second-hand books and models, as well as all current HMRS publications and transfers. You can take immediate advantage of HMRS membership today by joining the society at our stand. This will give you members' discount on HMRS pressfix and methfix transfers, limited edition HMRS model parts and all current HMRS books and publications. As a member, you will also receive a starterpack, a regular bi-monthly newsletter and a quality quarterly journal, as well as access to all HMRS resources, our network of specialist stewards and area group meetings.

If you don't join today, you can still join at www.hmrs.org.uk or by post to HMRS Membership Secretary, *Dunkeld*, Sussex Avenue, Ross-on-Wye, Herefordshire, HR9 5AJ.

Eccleston

The L&Y around 1910

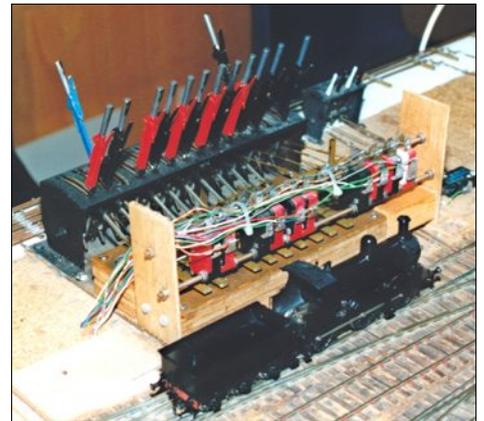
Presented by Martin Nield



Photo: Martin Nield

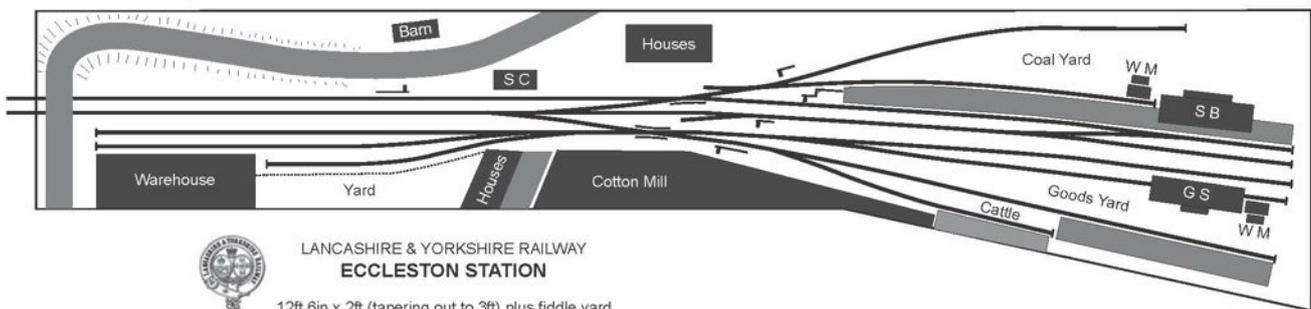
Eccleston is a village in West Lancashire which never had a railway. It did, however, have two cotton mills and was surrounded by rich arable land, so there would have been sufficient traffic to justify one. I have therefore imagined that the local mill owners, supported by Lord Eccleston of nearby Eccleston Hall, prevailed upon the Directors of The East Lancashire Railway (which later became part of the Lancashire and Yorkshire Railway) to build a branch line from Croston on the Preston - Liverpool line. Following the opening of the line, the village would have expanded to become a small town and the railway would have been busy with frequent passenger services to Preston, through goods workings to Lostock Hall and Pilot Goods workings to Croston for Liverpool traffic.

The layout has been under construction for nearly 30 years now and many of the techniques used date from the 1980s. The baseboards, for example, are softwood frames and chipboard surfaces which have warped over the years. The track is all hand built using the Brook Smith technique of soldering rail to rivets inserted into plywood sleepers. Some of the best years of my life have been spent sticking plastic cosmetic chairs on. The electrics are as simple as possible, with two controllers and eight electrical sections. All the points and signals are mechanically operated using a fully interlocked lever frame which makes operating the layout not only more realistic, but also more pleasurable.



Locos and stock are all built from kits and are sufficient to work the services outlined above. Further kits are on the shelf for future construction. The current effort is going into making buildings and scenery. All of the railway buildings are now complete and are based on photographs and drawings of L&YR prototypes. Work is continuing on the non-railway buildings and the cotton mill is at present a mock-up of the final building.

I would not be able to exhibit the layout without a lot of help from friends and I would like to thank them all for their assistance. If you have any questions about the layout or The Lancashire and Yorkshire Railway, please ask.



Fish Dock Road

Grimsby Docks in the 1950s

Fish Dock Road



Presented by Gordon Luck

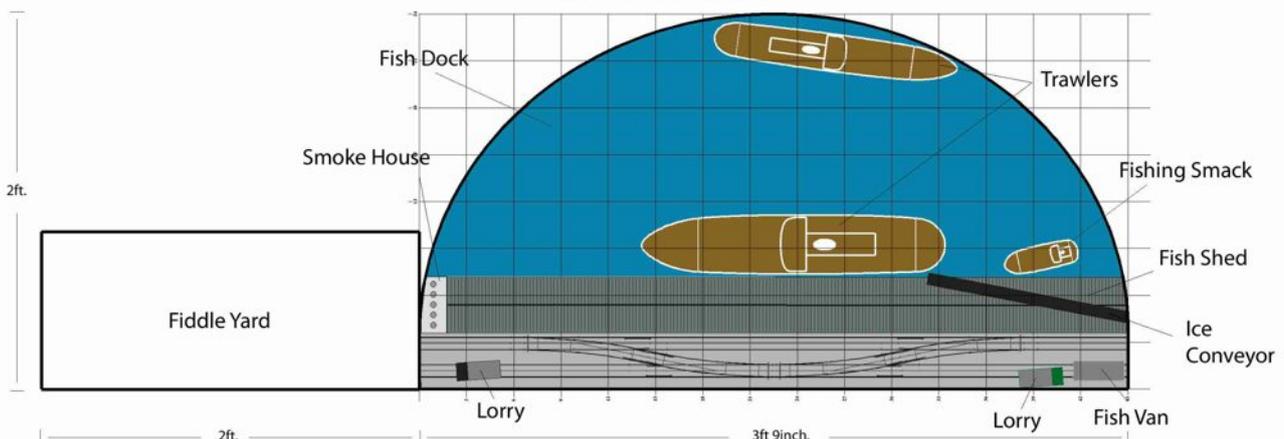
Fish Dock Road was inspired by Grimsby docks in the 1950s when fish was still a major part of the port's trade. The layout represents the quay where the trawlers unloaded their catches, which were then sold and transferred to rail and road transport for distribution to the rest of the country.

The fish quay canopy and supporting ironwork is made from Wills sheets and Plastruct. The two larger trawlers are Lindberg and Revell kits. The back scene consists of a series of overlapping photographs taken of Grimsby docks, stitched together on the computer and then printed as a continuous sheet. Layout lighting is by various types of low voltage LEDs. The figures on the quay are mainly from the Aidan Campbell range and are carrying out the various tasks associated with sorting, auctioning and loading the fish. The ever-present seagulls perch on the roof waiting for the next free meal. Locos and rolling stock are typical of the area and period.



The layout is in fact a shunting puzzle layout worked on the card shuffle system. Each merchant is allocated a part of the quay and fish vans have to be placed in the correct position for loading. The vans are rarely in the correct order or position so have to be sorted by the dock shunter; a job that is complicated by short sidings and head shunts as well as inconsiderate parking of lorries. The idea is not that we spend the whole exhibition sorting shunting problems, as we feel that you may well be able to do much better. So come on — have a go!

FISH DOCK ROAD



Witton Junction Engine Shed

The NER in 1910



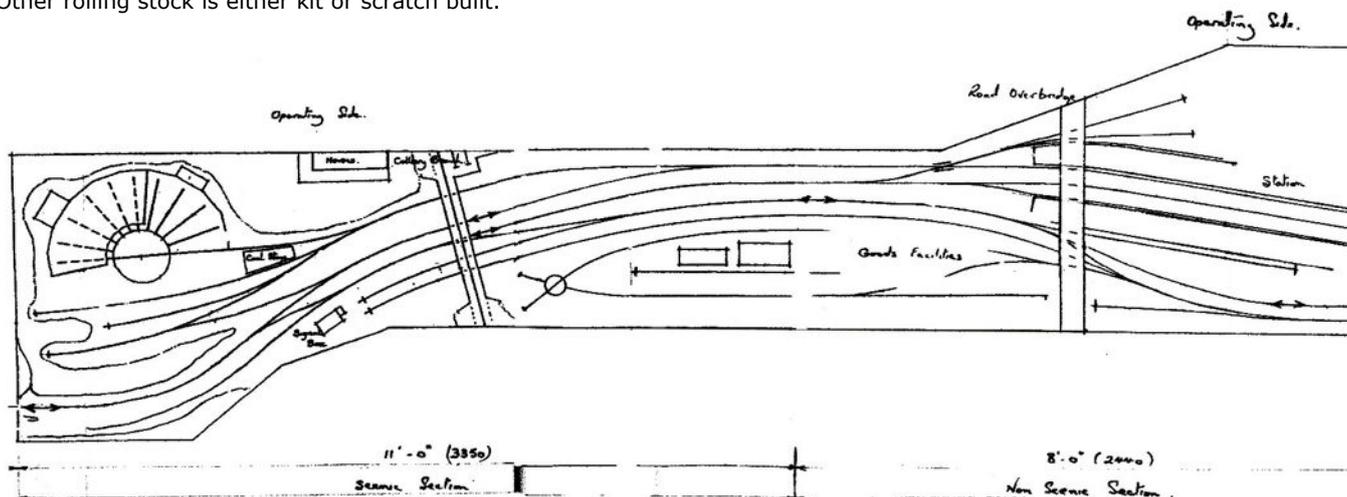
Presented by Dave Fenney

The track plan of this model is loosely based on an engine shed that existed at the junction of the Wearhead Branch and the Bishop Auckland to Crook line in Durham. It was constructed to house locomotives allocated to Shildon which were outbased for working in the Wear Valley area, and was originally named Witton Junction on the Architects Drawings, renamed Wear Valley probably during construction. The shed layout was different from other NER sheds, being a part roundhouse, hence the initial interest in creating a model. No other similar NER structure is known to the builder, although other pre-group companies had similar sheds, e.g. Berwick NBR. Photographs of the structure show six stalls but copies of original drawings show a proposed extension to eleven stalls. To try to determine the final arrangement, I have carried out some "on site" excavation and believe the building plan was as modelled here. The roof arrangement is more difficult to determine, a recently located photograph showing a different arrangement from the drawing, however I prefer the multi-ridge style, and have modelled that. The Colliery trackwork, bridge and adjacent approach tracks are unprototypical, forming part of an extension to the model.



Trackwork is hand-built using mainly plywood sleepers and nickel silver rail, early efforts with some components causing problems around pointwork installations. Obtaining a satisfactory and reliable operating turntable has proved difficult, the present arrangement being the fourth attempt, working electrics now being much simplified. The buildings are scratchbuilt from a combination of plastic, card and featherboard, with the shed roof of brass and nickel silver sections, plywood and plastic card.

The locomotive stock by Ian Sadler and myself is generally numerically correct for the Wear Valley area in the period modelled – 1910, and includes NER classes A, B, C, E, G, O, P, P1, P2, Q, T, U, BTP, 298, 398 and 964A. It should be noted however that the number of locomotives on the layout would not be prototypical at this location, when a maximum of up to six would be normal. Other rolling stock is either kit or scratch built.





Ravenscroft Sidings

Teeside in late BR days

Presented by Simon Bendall

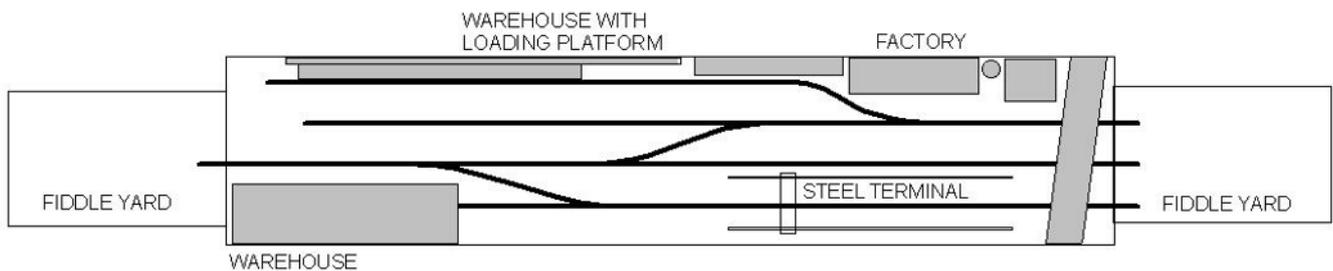


Ravenscroft Sidings is a fictitious layout set in the industrial heart of Teesside. Taking its inspiration from the heavy industries found in the area, the layout features a rail-served steel distribution terminal with overhead gantry crane. Other passing freight traffic also features whilst the line still supports a spartan passenger service in the form of DMUs.

Set during 1988, the layout depicts the early period of Sectorisation as Railfreight adopted the sub-sector structure and associated triple-grey livery, with freshly repainted locos rubbing shoulders with classmates still variously in BR blue, Railfreight grey and assorted other colours. With Thornaby being the local main depot, its fleet of Kingfisher emblem-shod diesels is much in evidence, working a variety of trip, mixed and bulk freights.

The trackwork was built using P4 Track Company products. All structures are scratchbuilt with some incorporating items from Walthers. Locomotives are variously from Bachmann, Hornby and Heljan with freight stock being a mixture of ready-to-run and kits.

The pictures are by courtesy of Gareth Bayer/RAIL EXPRESS Magazine'.



Scalefour Stores

The Scalefour Society supports its friends in the trade, and our Stores concentrates on basic essentials needed for P4 modelling, as well as specialised items not readily stocked by the trade. All visitors to Scalefour North are able to purchase items from Scalefour Stores during the show. Members' orders are welcome at any time and they will find indispensable the catalogue/order pages on our website www.scalefour.org; we take telephone, written, and internet orders.

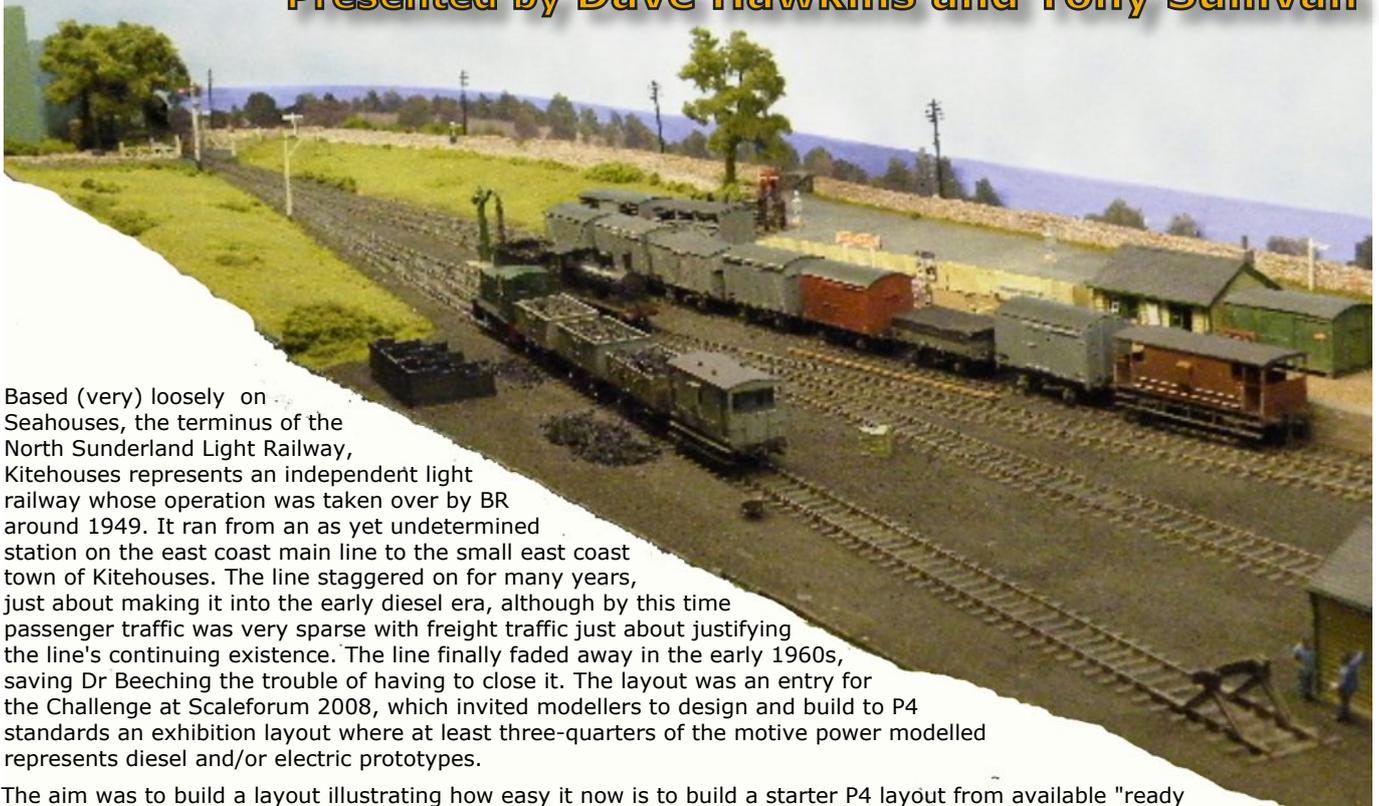
Recent new items include: turnout ground connections, loose-heeled switches, the Putterrona vehicle railing tool, engineers' curves, a range of jigs for Alex Jackson couplings, and the innovative Gravity Back-to-Back Gauge. Our quartermaster, Jeremy, can explain all on the stand.



Kitehouses

BR (NER) 1950s

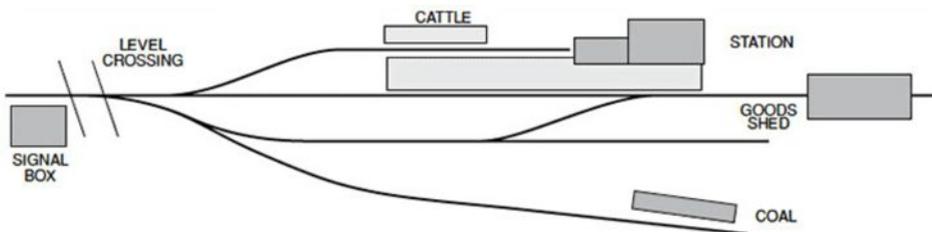
Presented by Dave Hawkins and Tony Sullivan



Based (very) loosely on Seahouses, the terminus of the North Sunderland Light Railway, Kitehouses represents an independent light railway whose operation was taken over by BR around 1949. It ran from an as yet undetermined station on the east coast main line to the small east coast town of Kitehouses. The line staggered on for many years, just about making it into the early diesel era, although by this time passenger traffic was very sparse with freight traffic just about justifying the line's continuing existence. The line finally faded away in the early 1960s, saving Dr Beeching the trouble of having to close it. The layout was an entry for the Challenge at Scaleforum 2008, which invited modellers to design and build to P4 standards an exhibition layout where at least three-quarters of the motive power modelled represents diesel and/or electric prototypes.

The aim was to build a layout illustrating how easy it now is to build a starter P4 layout from available "ready to run" and kit items. To this end locos and stock are converted Bachmann and Hornby products, and Exactoscale "New Track" components were used for making the trackwork.

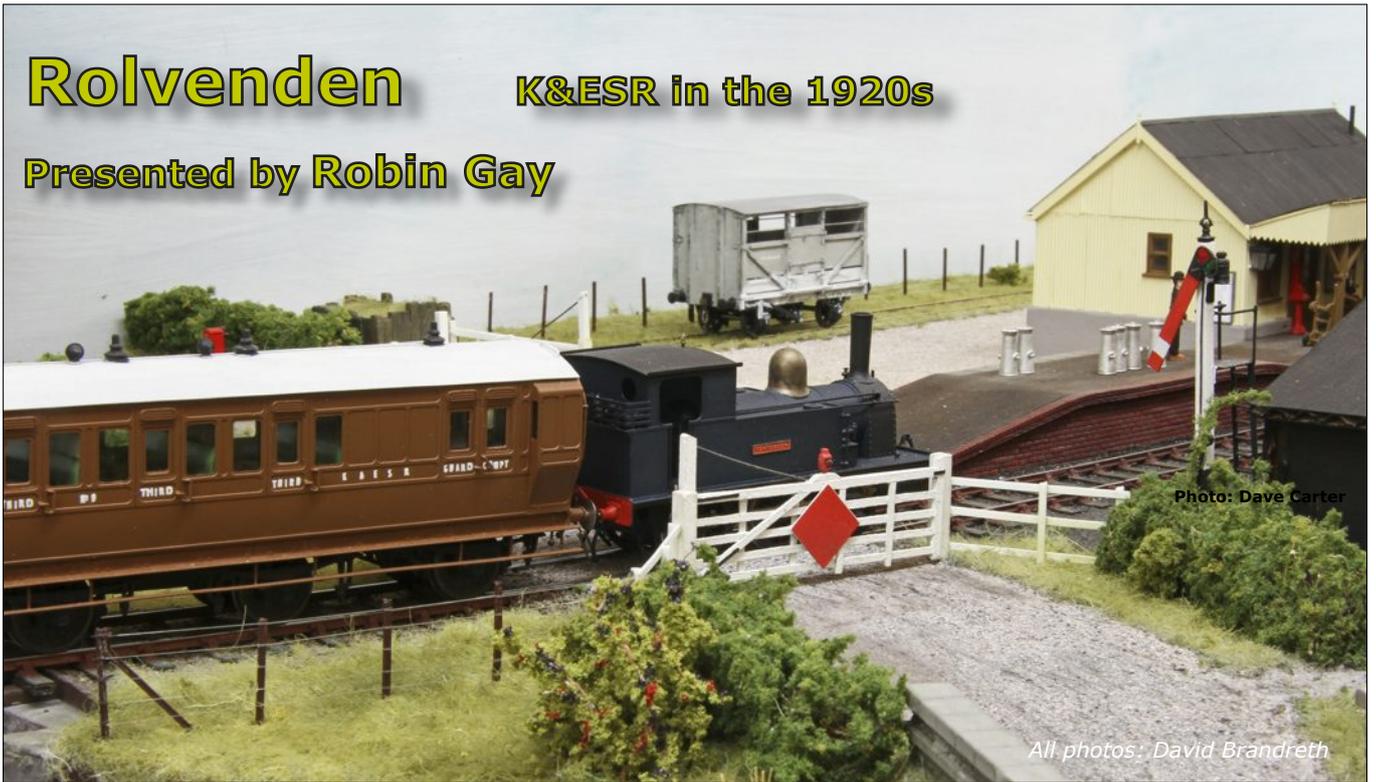
Buildings have been constructed using off-the-shelf kits from Wills and Ratio, stone walls are Hornby "Skaledale", while the cattle dock is a Bachmann resin item. The track plan is based on the late Martin Brent's "Arcadia".



Rolvenden

K&ESR in the 1920s

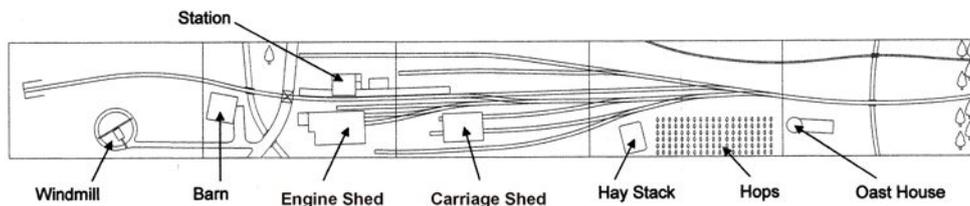
Presented by Robin Gay



My railway represents Rolvenden on the K.E.S.R. in the 1920s. The trackplan, station and buildings are a faithful reproduction of the actual site at this time. The scenic breaks of the tunnel and the woods use some artistic licence, though the tunnel is an accurate model of a tunnel that did exist a few miles away. I have done my best to make it unmistakably Kent. Hence I have made a windmill, a hop garden and an oast house to capture the flavour.

Trains run from a cassette/storage box at one end through to a two road automatic turntable at the other end. Around 60 % of the trains run as mixed, putting off and shunting at Rolvenden yard. It was not unknown for them to shunt the yard, complete with carriage and passengers still on board. Rolvenden was the engineering HQ of the line; it also has a carriage shed, loco shed and workshop. As I am writing this I am still working on the loco shed and Oast house, so I hope they will be ready for the show.

The layout and stock are all my own work, and *Rolvenden* has been quite a few years in the making, but it is still not finished. I have quite a bit more stock to build, and I hope to find the courage and the skill to paint a proper backscene one day soon.



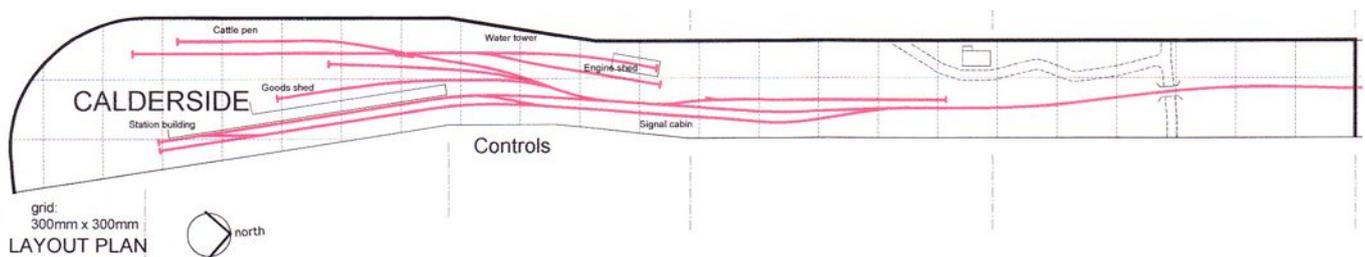
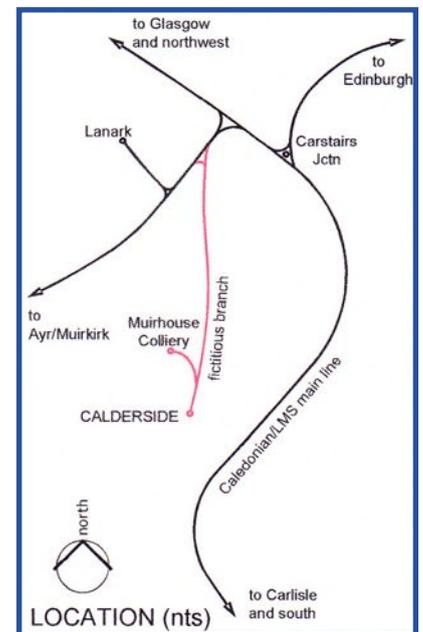
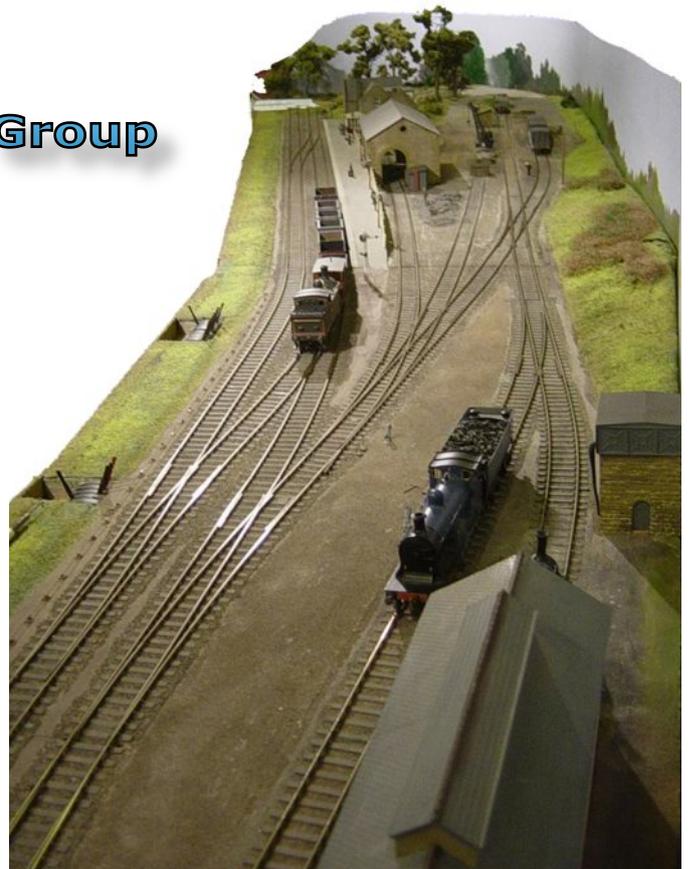
Calderside

Presented by the West of Scotland Area Group

Calderside is the exhibition layout of the West Scotland 4mm Group (WS4mmG). Built by former member Allan Clark, *Calderside* has been recently refurbished, and now has a new fiddleyard to represent the rest of the railway network.

The layout represents the terminus of a fictitious Caledonian Railway branch, off the line from Carstairs to Lanark. Extending the fiction, a colliery lies just off-stage, which trains can only access by reversing at Calderside – and, because of the operating demands of the colliery branch, normally there is an engine change. This gives quite a busy schedule for such a small station: branch line trains serve Carstairs (for Glasgow, Edinburgh and Carlisle), and Lanark and/or Ayr via Muirkirk; and coal trains serve a variety of destinations. While the layout can represent any time between about 1910 and 1960, present members have mostly BR 1950's era stock, and this will be the period represented this weekend. As would have been the case, ex-CR stock is diluted with NB, LMS, LNER and BR standard equipment.

Some visitors will remember the exquisite Caledonian stock of our esteemed former member and P4 pioneer Mike Gilgannon running on this layout in previous years. Mike's widow graciously gave his own layout to the WS4mmGroup, and it is being rebuilt to fit into our normal meeting venue under Glasgow Central station.



Advice, Support, Guidance and Goodies

Presented by our Traders

AMBIS ENGINEERING (est.1989)

The Old House, 80 Westgate Street, Shouldham, Kings Lynn, Norfolk. PE33 0BH.

www.ambisengineering.co.uk Email: ajaustin27@gmail.com

Manufacturers of component parts for railway modellers mainly in etched metal. This includes Lever Frames, Specialist rails, Point Rodding, Stretcher Bars, aid for Alex Jackson coupling users, drawbar hooks (over 10 types), parts for wagon underframes and a range of windows and doors for railway and industrial buildings. We also make Eastwell Ironstone Company simulated corrugated iron sheeting in 3 profiles. There are over 300 different items in our current range most recently around 80 nameplates for industrial engines which is always expanding.

DAVE BRADWELL

South Muirnich Cottage, Gorthleck, Inverness, IV2 6YP. Tel: 01456 486377.

http://www.davebradwell.co.uk or www.scalefour.org (hosted). E-mail: dave@davebradwell.co.uk

Dave specialises in quality etched kits incorporating sprung suspension.

Full loco and tender kits for K1, WD, J27 and the new Q6. Clearances for P4 are designed-in and generous bearing surfaces provided to ensure a reliable, hard working model with an accurate, detailed body. The LNER 4200 gallon tenders are available separately to produce the flat sided types. NEW are the smaller 3500 gallon and NER tenders.. Good news for J39 fans. Chassis kits are available for A1, N2, 9F, J39, B1 and incorporate all the smooth running principles outlined above.

Hopper wagons are a speciality – detailing parts for the r.t.r. 21 ton, a complete 13 ton, the unique Tyne Dock/Consett iron ore wagons and NCB types. At the rear of the train, my etched brake van chassis does wonders for the old Airfix kit (or indeed any other make) and simplifies the end glazing. I also have an LNER wagon underframe and some bits and pieces – in particular an etched plate for springing wagons.

Coaches are also catered for, with the sprung bogies by Chris Pendleton available in a variety of wheelbases including 10 ft for the Hornby Pullmans - his coach coupling too.

BRASSMASTERS SCALE MODELS

P.O. Box 1137, Sutton Coldfield, West Midlands, B76 1FU E-mail : sales@brassmasters.co.uk

We hope to finally have on sale our D&S Crane conversion kit for the GWR crane and also a detailing kit for the original crane. Our next Easi-Chas fold up conversion kit for the Bachmann 3F 0-6-0 may also be available. The kits for the Hornby A3 and Hornby A4, and Bachmann A1 will be on sale. These do not require any soldering: everything folds up – even the replacement bogies– to allow the easiest conversion ever! We hope to add more wheelbases for our new Bogie Compensation Units in addition to the six most common wheelbases already on sale. These combine robust construction with ease of assembly.

Our RTR detailing kits for the Bachmann LMS Crab, Jinty and Ivatt 4MT, the Hornby 8F, Black 5, Rebuilt Patriot and Royal Scot, the Bachmann class 24/5 and the Hornby/Lima class 52 Western continue to be available. Other accessories include the indispensable Axle Spacing Gauges, the ever popular Cleminson style 6-wheel chassis kits, track detailing parts, and sprung axleboxes plus the very useful etched windows, now expanded to 19 different types. The full range of high quality LMS locomotive kits and fittings is also in stock.

CAMBRIAN MODELS

10 Long Road, Tydd Gote, Wisbech, PE13 5RB Tel. 01945 420511 Web: cambrianmodels.co.uk Email: via website

The CAMBRIAN 4mm scale plastic kit range comprises a wide variety of BR Freight and Departmental wagons, pre-1948 Railway Company wagons and vans, plus Private Owner wagons. Our website has details and pictures of our products, plus prototype photos to aid assembly. Our Catalogue and kit instructions can be downloaded in pdf format to print out.

C&L FINESCALE MODELLING LIMITED,

Aran Lodge, Severn Road, Hallen, Bristol, BS10 7RZ Tel 01179 505 470

www.finescale.org.uk Email: sales@finescale.org.uk

C & L Finescale has recently changed ownership, but the new owner, Pete Llewellyn, has vowed to continue to offer the same wide range of quality components for the construction of prototypical scale trackwork in 4mm and 7mm scales. The "turnout in a bag" kits include fully finished common crossings for ease of construction for the beginner. Individual components are available for the more experienced track builder. On sale will be the full range of Carr's modelling products, including solder, fluxes, metal treatments and rail cleaners etc. Why not try the revolutionary solder creams? Solder and flux combined in a tube – no mess, no waste and no cleaning up! Ideal for tiny components or those 'difficult to get at places'. They also sell a range of ballast and other scenic products, as well as items to assist with baseboard alignment/fixing. There is cork and foam for your track base and Tortoise/Fulgurex motors to operate your points. Look out for their special 'show offers'.

COMET MODELS

'Charnwood', Firs Road, Ross on Wye, Herefordshire, HR9 5BH Tel: 05602 602188

www.cometmodels.co.uk Email: sales@cometmodels.co.uk

Comet Models offers a continually developing range of products for the 4mm scale modeller. The range of well over 200 coach kits and sides, covering the big four and early BR, makes it possible to run the correct train formation on your layout from the 1930s to the 1960s. They continue to offer locomotive chassis packs for use under ready-to-run bodies or kits, the majority of which now offer the option of springing, and are a popular choice for modellers wishing to construct chassis in EM or P4. Chassis continue to be updated and work is progressing on some new products. The latest additions to the range are the two BR standard tender kits which utilise existing Comet chassis and tender frames and new resin bodies. Comet Models stock Mashima motors and a range of gearboxes, including a two stage design and drive extenders to give 38, 46 and 50:1 ratios. They also offer a range of Romford/Markits locomotive and coach wheels, and their own wide range of etched, cast and turned small components.

DIGITRAINS

The Manor, North Street, Digby, Lincoln. LN4 3LY Tel 01526 328633

E-mail: enquiries @digitrains.co.uk

DIGITRAINS are the DCC specialists and supply systems and decoders by CT Elektronik, Digitrax, ESU, Gaugemaster, Hornby, Lenz, NCE, TCS & Zimo. We have sounds from CTE, Digitrax, LokSound, MRC and Soundtraxx and a large range of DCC related items from Team Digital, LDT, Miniaturics, Seuthe, Bachrus, Tony's Trains, CMX, Digital Specialities and others. We provide a complete service from advice, through sales to decoder installation. Everything you need to prepare and run your railway digitally is here in one place.

JUDITH EDGE KITS

5, Chapel Lane, Carlton, Barnsley, South Yorkshire. S71 3LE 01226 722309

E-mail: edgemd@aol.com www.ukmodelshops.co.uk/catalogues/judithedge.html

Judith Edge kits produce an expanding range of etched brass kits covering diesel and electric locomotives, both industrial and BR prototypes. Recent new releases include the later version of the Hunslet 05, a Vanguard 0-6-0DH, Ruston 48DS, Hunslet 16" 0-6-0ST and the LSW Bo-Bo electric loco DS74

EILEEN'S EMPORIUM

Unit 19. 12 Highnam Business Centre, Newent Road, Gloucester, GL2 8DN 01531 828009

E-mail: sales@eileensemporium.com Website: www.eileensemporium.com

Derek, Anita and Matt Russan of EILEEN'S EMPORIUM supply a comprehensive range of good quality hand tools, along with an unsurpassed selection of precision angle, shapes, sheet, tube, rod and wire in brass, nickel silver, copper and phosphor bronze, Plastruct & Evergreen Plastics. These are complemented by an extensive range of solders, fluxes, adhesives, craft knives, scalpels, saw blades, drill bits, taps, dies, screws, nuts and bolts, digital read-out vernier callipers, in fact everything you are likely to need for the coming modelling season. Recent additions to the range include Airbrushes and Compressors from Aztek and Iwata. Eileen's also incorporates Avonside Works, creators of the Chassis Squared assembly jigs and also now owners of the fabulous Hold and Fold tool range, and Bill Bedford tools and Chassis Components.

ELMET IMAGES

c/o Bolton Abbey Station, Bolton Abbey, Skipton, North Yorkshire. BD23 6AF Tel: 01943 863 440 or 07564 249 029

Website: www.elmetimages.co.uk Email: elmetimages@googlegmail.com

Our range comes from long-standing interests in scenic modelling and photography. As well as our own products, we have a selection of other manufacturers' scenics and accessories, including items and kits rarely seen elsewhere. We aim to be a 'one stop shop' for scenery, whether you want a bag of scatter or something more specialist; and to surprise and intrigue you with some of our accessories and detailing products. This range is being added to constantly, if you have any requests or suggestions, talk to us, we may be able to help. We use dioramas to advertise our range, test new products and techniques, and show the standard of our work - we also undertake model-making commissions. Pictures of these are on our website and we bring some smaller dioramas with us to exhibitions. If you have any questions, do ask.

EXACTOSCALE LTD & THE P4 TRACK COMPANY

20 Waterson Vale, Moulsham Lodge, Chelmsford, Essex CM2 9PB 01245 263779 website: www.exactoscale.co.uk

The EXACTOSCALE range continues to expand and includes wagon chassis conversion kits, loco, coach and wagon wheels, brake gear, sprung buffer units, scale couplings, easy to assemble gearboxes and loco suspension units (both metal and plastic moulded hornguide versions).

We expect to have several new loco driving wheels available at Scalefour North - in particular, the GWR King and LNER 6' 2" and 5' 8" wheels, possibly others.

The P4TRACK COMPANY provides easy to build and fully detailed track to P4 standards and the range now includes 1:8 diamond crossing and single and double slip kits. A starter pack is available for those wishing to try their hand at track construction. Turnouts come as complete kits with rails precision cut to length, check rails formed to shape, crossing with wing rails pre-assembled and switch rails preassembled to their adjacent stock rails - and include a complete set of correct pattern chairs. Only those skills needed to construct any detailed plastic kit are required. Note that the special switch and crossing chairs used in the kits will now be available separately.

DAVID GEEN MODEL RLY KITS (Including MALCOLM MITCHELL 4mm range)

30 Silverwood Close, Dale Park, Hartlepool, Cleveland, TS27 3QF 01429 269600

E-mail: david.geen1@ntlworld.com www.scalefour.org

David produces a comprehensive range of wagon kits covering a number of railway companies, both pre- and post-grouping, as well as private owner tank wagons. His range of etched brass coach kits continues to expand and additions will include a small range of GWR clerestories. A selection of fittings and lineside accessories is also available. David also distributes the Malcolm Mitchell 4mm Locomotive kit range.

ALAN GIBSON (WORKSHOP) PO box 597, Oldham. OL1 9FQ Tel: 0161 678 1607. Fax: 0161 785 8208. Mon to Fri 8.30am to 6pm, Sat 9.00am to 1.00pm. Email sales@alangibsonworkshop.com Web: www.alangibsonworkshop.com

It's now over four years since we took over Alan's business, and how its flown by. In 4mm a wide range of items are available including 19 types of carriage and wagon wheels, 32 types of bogie/tender wheels and 83 types of driving wheel - all available to "OO", "EM" and 18.83 gauges. In response to many requests from customers we offer replacement wheel packs for ready-to-run locomotives covering the Bachmann, Heljan and Hornby ranges. The product range includes cast figures, signal and structure components, bearings, back-to-back gauges, moulded brake gear, milled locomotive and tender frames mainframes, etched coupling rods and valve gear, 26 types of sprung buffers and over 250 loco detailing parts. We've produced 11 batches of different loco kits and are working on nine others with firm commitments from customers supporting many more. Our catalogue is now available from our website which is by far the best place for up to date information. We are developing the self-quarterming wheel and hope to have something to show soon. Brass-centred wheel kits are well under way, and some sizes should now be available. The wagon buffer range is now cast by lost wax in brass with the hole already in and numerous castings in our range have had new moulds produced including Stanier drain cocks and Loco screw coupling. The signal range has also now been available since last summer.

HIGH LEVEL MODELS

14 Tudor Road, Chester-le-Street, County Durham, DH3 3RY Tel/Fax 0191 388 2112 (9am - 5pm)

Email: enquiries@highlevelkits.co.uk

Chris Gibbon produces state-of-the-art kits of industrial prototypes ranging from the quintessentially Victorian Black Hawthorn 0-4-0ST to the diminutive "Husky" 0-4-0 Diesel Mechanical introduced in 1956. A feature of High Level kits is the importance attached to running quality, especially at slow shunting speeds. Each kit includes a high-precision gearbox and transmission especially designed for that locomotive which permits the installation of comparatively large can motors in very small prototypes. Recent additions to the range include an etched chassis kit for the new Bachmann Jinty 0-6-0T complete with dummy inside valve gear. For those interested in fly-shunting, Chris has introduced a self-propelled wagon mechanism with a 9ft/10ft Wheelbase which can be supplied with 60, 80 or 108:1 ratio gears and a suitable motor.

HOBBY HOLIDAYS

The Spinney, Low Street, Beckingham, Doncaster, S Yorks. DN10 4PW 01427 848979

E-mail: phil@hobbyholidays.co.uk www.hobbyholidays.co.uk

Hobby Holidays range of products grows each year. Not only do they cater for railway modellers wanting to learn and practice a new skill, but also provide top quality products which their tutors use. At their Grade II Listed Nottinghamshire farmhouse premises, they run 'Master Class' workshops over a full weekend with famous name tutors, while Jo feeds the inner man with her (highly regarded) traditional English Farmhouse cooking. Phil & Jo can arrange the whole weekend for you with meals and B&B. This year the tutors included Ian Rathbone, Geoff Kent, Normon Solomon, Jol Wilkinson and Phil himself as a specialist on chassis. To help railway modellers to build square and perfectly aligned chassis, Phil, a trained engineer, developed the 'Master Chassis', a precision-designed and manufactured jig. The range of brass, nickel silver and other metals is growing all the time. He probably has the largest range of embossed plastic sheets in the country and a vast range of chemicals, glues and solvents including superior grades of mould and resin casting materials.

BILL HUDSON TRANSPORT BOOKS

The Peak Rail Shop, Matlock Station, Matlock, Derbyshire, DE4 3NA, 01629 580797 Website: www.billhudsontransportbooks.co.uk

Bill Hudson is well-known to modellers in the North for his bookshop and his regular appearances on the exhibition circuit. Bill stocks a constantly changing range of books including all of the latest railway and modelling titles. His own books on private owner wagons are a must for wagon builders and his book "Through Limestone Hills" is THE definitive account of the Midland Railway mainline through Derbyshire. And of course Bill will have *St. Merryn*, the Society's book on building in finescale, whatever your scale ratio.

LONDON ROAD MODELS

P.O. Box 643, Watford, Herts. WD24 5JZ [www:londonroadmodels.co.uk](http://www.londonroadmodels.co.uk)

Serious about your modelling? We are. London Road Models has been designing and manufacturing 4mm etched kits since 1988, when John Redrup produced some etched L&NWR 50' non corridor carriage kits for the P4 exhibition layout *London Road*. Since then, LRM has grown to provide one of the largest ranges of kits for the 4mm modeller. The emphasis is on the Victorian and Edwardian pregrouping period, although the prototypes for many of the models in the range lasted into the postgrouping era of the 1930's, with many examples surviving into 1950s BR ownership.

In addition to 65 locomotive, 43 carriage and 22 horsebox, van and wagons kits (and a signal box), LRM also supplies loco chassis and tender kits. We also supply motors, motor mounts and gears, high quality cast hornblock sets, etched CSB adaptors and mountings as well as soldering materials and equipment and a variety of items for the model loco builder including some cast brass fittings from our locos kits. LRM kits have been designed by experienced modellers, and feature mostly lost wax cast brass and nickel silver fittings, OO, EM and P4 chassis components, rolled or machined tubular boilers, detailed instructions, etc. to enable the builder to produce a realistic model. Kit details, photos and pricing, including news of our newest releases, mail order and payment information, etc can be found at www.londonroadmodels.co.uk and in the Hosted Traders section of the Scalefour Society website.

MOUSA MODELS

(Bill Bedford), 745 High Road, Leytonstone, London. E11 4QS Tel: 020 8133 7547

www.mousa.biz Email: sales@mousa.biz

Mousa Models is introducing a completely new range of resin-based kits of coaches, wagons and locomotives. The aim is to simplify building by reducing the content count to the minimum. Look out for Metropolitan coaches, a S&DJR loco, and wagons from the NSR, NER and others.

PARKSIDE DUNDAS

Millie Street, Kirkcaldy, Fife, KY1 2NL 01592 640896

E-mail: sales@parksidedundas.co.uk web site: www.parksidedundas.co.uk

The Parkside Dundas stand has a wealth of 4mm scale injection moulded plastic rolling stock kits covering chiefly the period 1910 to 1990's. The celebrated wheel exchange service is in operation for those working to finer standards. Our new 16 foot GWR vans will be on sale. Modelmaster and Old Time Workshop decals, Lanarkshire Models buffers, Hollar wagon posters and Smiths couplings to complement our kits are on sale. A selection of 4mm scale narrow gauge (009) is also on display.

MIKE THORP (PHOTOGRAPHS)

New House Cottage, Provender Lane, Norton, Faversham, Kent ME13 0ST 01795 520169

Whether you are seeking quality photographs for your modelling projects or just like fine railway photographs, this is the place to look. Some 20,000 photographs and post-cards are available, mainly of archive quality. Most British railway subjects are covered from the pre-grouping era up to 1970 (as well as many foreign), ranging from 100 year old photographs to new prints. Scalefour North is the only model railway exhibition outside the South-east where these photographs may be seen.

SCALEFOUR STORES

120 Hayhurst Avenue, Middlewich, Cheshire, CW10 0BD 01606 835708 (9-10 am and 7-8 pm only) www.scalefour.org

Jeremy Suter will be on hand with the Society's own "Stores" stand. On sale will be items such as a gauge for fine-tuning pointwork, point blade fitting jigs, crossing vee assembly jigs and components for riveted plywood trackwork. Look out for interesting new etches by Brian Morgan, including a turnout operating unit. In addition to the full range of Society products from Loco Springing units to the perennially popular nickel silver lever frame kit. And there's everything for conductor rail fans. Jeremy can supply rarer items like fine bore tubing and curve templates. He also offers a bespoke profile milling service and will provide details of this on request. So, now is the time to study your Scalefour Stores price list and decide which items you require for the spring modelling season. You can send Jeremy your order now and collect it at Scalefour North, or ask him to help your selection on the day.

SHAWPLAN

2 Upper Dunstead Road, Langley Mill, Nottingham, NG16 4GR. 01773 718648

Email: brian@shawplan.com Website: www.shawplan.com

Shawplan is a specialist Diesel and Electric era Nameplate and detailing parts manufacturer, catering for 2,4 and 7mm scales and a new range of laser cut window glazing for locomotives and coaching stock, predominantly for 4mm scale.

WIZARD MODELS (INC MSE/51L)

P.O. Box 70, Barton upon Humber, DN18 5XY, 01652 635885

E-mail: andrew@modelsignals.com website: [http:// www.wizardmodels.co.uk](http://www.wizardmodels.co.uk)

The MSE arm of Wizard Models produces the most comprehensive (and expanding) range of semaphore signalling parts in all of the popular scales - 2, 3, 4, 7, 10 and 16mm. These are packaged in component form for the modeller to construct signalling in the same way as the prototype: arms, finials, posts, brackets and accessories are selected and assembled, enabling you to recreate most prototype designs on your layout. A number of complete kits for the more common prototypes are also available, as are the first parts in a new range of colour light signals. Operating components, including 7 and 14-lever frames, and level crossings, are provided in kit form to complete the range. Wizard Models is also the parent of the 51L range of 4mm scale locomotive, carriage and wagon kits and components. This range will continue to be expanded, with new wagon kits in development covering prototypes from around 1900 to the present day. Also available exclusively from Wizard Models are the Sprat & Winkle Line and DG autocouplings for 2, 3, 4 and 7mm scales. We also carry a range of useful materials for the modeller, including point motors, solvents, solder and fluxes. Ask for a price list on the stand, send five first class stamps to the above address, or visit the web site, where you can shop online.

