



## **WAKEFIELD RAILWAY MODELLERS SOCIETY**

### **59<sup>th</sup> Exhibition, 8<sup>th</sup>-9<sup>th</sup> October 2022**

## **Layouts**

### **Ahrtalzweibrück**

**O Gauge, 1/45<sup>th</sup> scale**

**John Illingworth**

Ahrtalzweibrück is a fictitious location based on a real place. The name means a place between two bridges in the Ahr river valley. The Ahr is a tributary of the Rhein and they meet a little to the south of the city of Remagen. Ahrtalzweibrück is a fictitious terminus on the Ahrtalbahn a branch line with a complex history that still exists today. The Ahrtalbahn diverges from the Rhein east bank main line just to the south of Remagen. In its turn the branch serves another route which was planned and almost completed in the early decades of the 20th Century. Something which in reality never came about does so in model form. The incomplete railway line was started in winter of 1912/13 and is known today as *The Kasier's Railway* or more usually "die Unvollendete" (the unfinished). Much of this unfinished line can still be seen in the Ahr Valley today.

The railway is set in the period of the 1960s when steam is being phased out in favour of diesel traction. However, in the Ahr and the truncated branches the layout represents steam is lingering on and indeed thriving! Passengers are catered for by the basic converted vehicles (Unbauwagon) produced in large numbers during the 1950s. New bodies were constructed and built upon underframes of older vehicles.

The locomotives are all controlled digitally and are sound equipped. Stock and control is from Lenz though signals and points are under more conventional control. Buildings are a mixture of scratch built based upon existing structures or from kits, modified or generally "bashed about"

### **Back 'o 't shed**

**00 Gauge, 4mm scale**

**Chris Burnage**

The layout was started during Covid lockdown from some spare boards that were intended to be a fiddle yard. The initial plan was to build a simple layout which would easily fit in the bedroom and to give a run out for the many locos I have kit bashed and sprayed up over the past years .

However, halfway through construction, as ever I became hooked and amended my plans. I decided to pack as much detail into the 5 feet scenic board as I could and to give a little different view from the back of the shed. There is a stabling point where locos can be re-fuelled and a wash plant. Two small head shunts provide the space to allow movements from the large shed where a gantry crane is sited to carry out full loco overhauls.

Extensive use has been made of 3D printed items that are now available from the trade.

## **Bawdsey**

### **EM Gauge, 4mm scale**

**Alan Rollins**

This layout was built by the late Chris Matthewman in 1998/99 and exhibited between 2000 and 2007 as "Strove". We have now relocated to Bawdsey, a small village in Suffolk which in reality had no rail connection. What did exist in the area from 1936 to the 1990s was RAF Bawdsey, an establishment important in the development of radar before the war and later much developed as a result of the Cold War. Our Bawdsey is therefore much bigger and to serve the population the railway still functions and a small branch runs from Bawdsey to Bawdsey Quay on the River Debden and the RAF station. Hence fulfilling the modellers' idea of "what might have been". We run to a sequence of 28 moves but times are compressed to keep the viewers interested.

## **British Oak**

### **OO Gauge, 4mm scale**

**Roger Nichols**

This layout is based on the former British Oak Coal Disposal Point at Calder Grove in Wakefield. The layout takes its inspiration from Paul Lunn's book 'Micro Layouts'. Track and points are from the PECO Code 100 range, the latter worked via piano wire. Much use has been made of the Wills range of products in the construction of the coal loading and associated retaining walls. The time period is 1968 to 1973 allowing both green and blue liveried stock to be run. Locos and rolling stock are all by Bachmann and have been appropriately weathered. Electrical control is via DC using handheld KPC or Gaugemaster products

## **Chicago 31<sup>st</sup> Street Yard**

### **HO Gauge, 3.5mm scale**

**Neale Burrows**

Chicago 31<sup>st</sup> Street Yard is set in the industrial area near the Chicago River to the west. The period is from 1995 to present day. The area is run down and becoming derelict as the industries move away from the city area and apartment dwellings are taking over.

The railroad still has a few customers left here and are still being served but the site is beginning to become overgrown by vegetation and decay.

The area is served by the Burlington Northern and Belt Railway of Chicago, over belt railway lines found around Chicago as traffic is interchanged and switched close by with other railroads.

The main customers left are the cold store, the furniture factory and the Milling plant with a few storage warehouses. Roads cross the site one being the interstate highway on the overpass and the others to the residential apartments overlooking the river to the north passing under the Chicago EL tracks. Action is usually slow with cars being switched in and out of the industries but is still reasonably busy. The layout is DCC controlled.

## **Clarence Park**

### **OO Gauge, 4mm scale**

#### **Steve Hurley**

A suburban terminus modelling many of the features of a station much more important in years gone by. Shown here in BR Blue livery period representing trains and formations seen in that period.

## **Culthwaite**

### **N Gauge, 2mm scale**

#### **Philip Mason**

'Culthwaite' is an amalgam of Culgaith and Armathwaite on the Settle Carlisle. It portrays part of the line north of Appleby which tends to be more rarely modelled.

The general topography is taken largely from Culgaith with the idea of the line running south from a tunnel, through the station and level crossing and on past open country before heading into a cutting. However, the station itself owes more to Armathwaite with its curved platforms, typical S&C architecture and goods shed.

The beautiful high arched occupation bridge situated south of Culgaith was just crying out to be modelled and forms a convenient scenic break. The layout features scratch built working signals - colour lights on the 'up' and semaphores on the 'down' - just like the real Culgaith.

The layout is set around 2010 before the demise of the coal traffic. Around that time, the S&C experienced an incredible variety with all five major freight operators represented as well as local trains in the hands of Northern units and occasional diverts at weekends of WCML expresses.

## **Daisybank**

### **OO Gauge, 4mm scale**

#### **Rob Mallett**

Daisybank is a fictitious commuter station and small light maintenance depot based in North -West England. The station is served by Northern Rail services heading towards Manchester with the occasional loco hauled service stopping. The depot is operated by Direct Rail Services for basic repairs, fuelling and loco stabling.

A variety of freight services pass through the station operated by EWS/DB, Freightliner, Colas and GBRF making their way to the WCML or across to Yorkshire. Network Rail Monitoring trains also pass through occasionally and there might even be a rare visitor passing through to keep the enthusiasts happy.

All locos and DMU's are mainly Bachmann, apart from the Dapol 68's, all are detailed and sound fitted with the excellent sound recordings by legomanbiffo. The coaching stock is a mixture of Bachmann and Hornby, these fitted with Kadee couplings. The wagon fleet is made up of Bachmann, Hornby and Accurascale vehicles.

The layout was originally planned as a 1980's BR Blue terminus station, with a small depot and sidings. This was subsequently changed to represent a through station (by adding a 6-road fiddle yard), based from the early 2000's to present day so that a more modern fleet could be run. The sidings are now used for stabling DMU's and the occasional locomotive.

A Lenz 100 system controls train running and the points, the signals are Dapol semaphores and have simple push button operation (although the station is due to have a signalling upgrade to modern colour lights in the future).

## **Grange Lane**

### **O Gauge, 7mm scale**

#### **Steve and Chris Saxby**

As with all the layouts we have built, Grange Lane's concept started with the purchase of a particular locomotive - in this case a Dapol 08. Having previously built small/micro layouts, the challenge was to see what we could fit into a 'compact' O gauge layout. Obviously main line trains are out of the question, so we have come up with the concept of a small yard on the edge of an industrial area, served by trip freights from the nearby marshalling yard,

The track plan is based on the well documented principle of an 'Inglenook' but with the addition of a station platform and run-round loop for operation interest. The scene presented is of a yard in the 1970's that is nearing the end of its useful life, the weeds are taking over, but traffic is still handled for the large engineering works that forms the backdrop. The semi-disused station platform still handles a small amount of smaller consignments from nearby industry, but this too is shortly to disappear and the former through route it sits on has closed beyond the level crossing. The crossing still has to be operational as it is on the end of the platform loop.

Trackwork is hand built from C&L components apart from the Peco double slip in the centre which is a great space saver. The large factory complex along the rear is made from components from the Skytrex range. All locos are DCC sound fitted and driven by a Merg DCC system. O gauge is receiving much more trade support, but most of the small goods stock are Parkside/Slaters kits and are heavily weathered to suit their role. Some even have real rust!

## **Great Burden Gauge**

### **N Gauge, 2mm scale**

#### **Normanton and Pontefract Railway Modellers Society**

The layout represents a section of a fictitious EAST-WEST main line located on the eastern side of the Pennines. Viewers of the layout should see influences taken from the West Riding of Yorkshire. At the eastern end (right for you the viewer) are the station, goods yard, and motive power depot with the town in the background. The mid-section depicts a junction with a river side oil depot in the foreground. At the western end of the layout there is a quarry in the background that has its own internal narrow gauge railway. A canal parallels the railway in the foreground before passing under it and like the train enters a tunnel.

The base boards were constructed from plywood, the scenery is built up from a lattice of thin card overlaid with plasterer's scrim, plaster and then filler. A layer of paint followed the usual glue and scenic treatments completes the scenery.

All locomotives and rolling stock belong to individual members and represents the late steam and early diesel period.

Buildings are a mixture of proprietary adapted kits and scratch-built models.

## **Overlord**

### **OO Gauge, 4mm scale**

#### **Chris Mead**

As with the Great War some thirty years previously, the railways also played a key role in World War Two, transporting people and material throughout the country; dispersing the returning troops rescued from Dunkirk, evacuating children from the London Blitz, and moving the men and material from their depots and assembly areas to the embarkation points for the D-day Landings of June 1944 (codename "Overlord", from which the layout gets its name).

Based loosely on Southampton and Portsmouth dockyards, the layout attempts to depict the hectic quayside activities to be found at many of the Southern ports of England in the days surrounding the invasion of Normandy. Much of the variety and confusion of the moment are displayed. Tanks await loading. Mechanised infantry columns search for their embarkation point. There are specialist vehicles such as bridge layers, rocket launchers, mine clearers and amphibious tanks needed to ensure the success of the landings. Landing ships of various shapes and sizes, together with the vital support of escorting destroyers, launches and torpedo boats, prepare to put to sea. Overhead, gliders make their way south, watched over by the W.A.F.'s on the anti-aircraft guns and barrage balloon. And finally, there are the tea-ladies of the NAAFI, providing a continuous supply of drinks to the nervous troops.

Although the layout has been exhibited for many years, we are still adding to it. For those who may have seen it before, new this time are sections of the Mulberry Harbour, the floating port towed across the Channel, and PLUTO, the underwater fuel pipeline which powered the Allied advance from the hard-won beachhead through France, Belgium, Holland and ultimately over the Rhine.

We are still constantly trying to improve 'Overlord', so if you have any questions or comments, please feel free to ask, or visit the following websites

<http://www.lwmrs.co.uk>

<https://www.wakefieldrms.org/>

<https://www.mrsg.org.uk/>

<https://www.facebook.com/Overlord-Model-Railway-115342573210163>

## **Peforia Narrows**

**HO Gauge, 3.5mm scale**

**Paul Gittins**

'Peforia Narrows' is based on a hypothetical branch line to an industrial area ('Peforia') in downtown Baltimore situated on an inlet of the Potomac River – the 'Narrows'. The layout is operated on a 'Card System' which provides a purpose to the movement of the freight cars. The front loop will just take three 40' freight cars or two plus an SW size switching loco and the right and left front tracks and each siding two 40' cars or one car and loco. Operation consists of the random dealing of six cards lettered for the 'destination/spotting' points (four industries plus the 'Team' and 'Exit' tracks) and then six cards lettered for freight cars onto these. The operator then switches the freight cars into the positions dictated by the 'destination' cards. Once this combination is switched correctly the cards are shuffled and re-dealt and the process begins again. No stock therefore ever leaves the confines of the yard.

As can be imagined, operating this for a full weekend can be a bit mind numbing so the idea at exhibitions is for other people (i.e. you - the visitors and other exhibitors) to have a go. Why not take the 'Peforia Challenge' this weekend and prove your competence!

## **Prime Cereals**

**O Scale, 1/48<sup>th</sup>**

**Wakefield Railway Modellers' Society**

Inspired by the Post Foods' cereal factory in Battle Creek, Michigan, Prime Cereals represents a small part of large rail-served site in the 1970's when the rail traffic was at its peak.

All the buildings and track are bespoke and hand made. Trains and turnouts are operated by DCC with servo operation.

We wanted to build a layout that was a bit different than most, I think we achieved that.

## **Reevey Road West**

**OO Gauge, 4mm scale**

**Bradford Model Railway Club**

Bradford Model Railway Club's Reevey Road West reflects BR passenger and freight operations in the West Riding of Yorkshire. Set in the period 1974-1984, the layout features Digital Command Control (DCC) operation using the NCE PowerPro system.

## **Ryburn**

**S4, 4mm scale**

**Dave Kirby**

This layout is making its debut at the show and is based on the Rishworth Branch line around 1906 with the operating company being the L and Y.

## **St Caths**

### **N Gauge, 2mm scale**

#### **Sean Taylor on behalf of the New Carlton Railway Society, Goole**

St Caths is a village and Civil Parish in what is today known as East Lindsey District of Lincolnshire. It lies in the Lincolnshire Wolds between Alford and Willoughby to the south of the principal town of Louth. St Caths is situated on the East Lincoln Railway that connects Grimsby and Immingham Docks to the north with Boston and the national rail network to the south.

The area is mainly agricultural but the main industry of the town is "The Old Dairy" Brewery. The brewery has its own sidings from the mainline and passing goods trains stop to exchange wagons for the brewery. Passenger services are conducted between Grimsby and Boston via Louth using two car DMU sets. These also branch off along the "Mablethorpe Loop" and further south Skegness.

The layout is shown mainly set in the late 1960s and early 1970s in the BR green livery although the odd blue era loco and DMU can be seen. A variety of locomotive classes can be seen as well as a Class 14 shunting the brewery sidings.

## **Tanpit Lane**

### **EM Gauge, 4mm scale**

#### **Alan Atherley**

Tanpit Lane is an imaginary layout built to EM standards and set in North Derbyshire Peak District around the year 2000. A cement works dominates the area with facilities for loading stone and a separate wagon repair shop. A through line is situated in the middle scene to allow access to neighbouring sites and transfer of materials.

The scenic board is an old 6mm "Brilliant Baseboard", no longer available with a layer of 1/16<sup>th</sup> cork glued on top. Templot was used to draw out the trackwork and printed sheets of the track layout were then glued to the cork. Points were then laid using the templates making use of products from the Scalefour Society and C&L / Exactoscale ranges. Plain track was laid using C&L flexi track. Track was ballasted using Woodland Scenics and Geoscenics products using the isopropyl alcohol as a wetting agent before flooding the ballast with dilute PVA glue. Fiddle yards utilise cassettes made from MDF and L shaped aluminium, section.

Walthers products were used to create the cement silos with the low relief warehouse being a Ten Commandments product. The stone base is from the Knightwing range. All other buildings are scratch built using plasticard. Post and wire fencing uses S Kits posts and a mixture of phosphor bronze wire and fishing line. Grassed areas are a base of hanging basket liner with static grass applied using a homemade applicator.

An NCE DCC system controls locos and Tortoise point motors. Much of the stock are from the major ready to run ranges with replacement EM wheelsets applied. Kadee couplings are used for hands off shunting using magnets in the track. All locos are sound fitted and weathered using an airbrush.

## **Thomas**

### **00 Gauge, 4mm Scale**

#### **Wakefield Railway Modellers' Society**

Thomas visits once again, providing an opportunity to operate your favourite character on the layout. All proceeds are donated to the Wakefield Hospice.

## **Vals**

### **HO Gauge, 3.5mm scale**

#### **Roger Epps and Nathan Bridge**

In the Canton of Graubunden at the head of the Vals valley is the village of Vals which sits on one of the tributaries of the river Rhine. In the early 20<sup>th</sup> century, it was proposed that line should be built from Llanz on the Rhaitische Bahn to Vals for tourist travel to the thermal baths and transport of granite and forestry products.

With the outbreak of WW1 in 1914 the proposals were put on hold and after the war ended in 1918, they were never revived. We have decided to model what could have been. The layout sees loco and railcar passenger trains with freight services centred around logs, mineral and Vals from the newly built bottling plant. The occasional steam hauled passenger train makes an appearance.

The track work is Peco Code 75 HOm track with points being routed via a Digikejs point accessory module powering Peco point motors. DCC control is via a Roco Z21 system.

Buildings are a mixture of Kibri and Faller, signals from Schneider. Scenics are a mixture of Woodland Scenics, Aughagen, Busch and Noch. A Faller car system has also been added to the layout.

## **Traders and Societies.**

### **Along Classic Lines**

<https://www.ebay.co.uk/str/drdaysjunc>

Model rail and bus models across the scales both new and old

### **Going Loco**

Model Railways and Hobby Centre situated in Outwood, Wakefield, where you can find all the latest, available models from Hornby, Bachmann & Farish etc. As well as our extensive range of pre-owned locos and rolling stock. Why not view our range of scenics, buildings, accessories, packs, sets and Track, all in 00 & N gauge also available in O and G scale?

We also stock DCC Ready & Fitted digital locos, as well as the decoders needed for the conversion, if you wish to make the switch. Not forgetting DCC sound locos, controllers etc. We also stock Airfix models Tamiya model and other plastic kits.

## **Hobby Holidays**

<https://www.hobbyholidays.co.uk/>

With over 4000 items in stock the stand provides the modeller with the opportunity to stock up on a whole range of materials, glues and tools

## **LNER Society**

<https://www.lnersociety.org.uk/>

Founded in 1965, the LNER Society exists to facilitate the study of the historical LNER, its inheritance from its constituents in 1923 and the legacy it bequeathed to the Nation in 1948 and to provide accurate and authoritative information for modelers and historians alike. There will be demonstrations of models being built at the stand.

## **MERG**

<https://www.merg.org.uk/>

MERG (Model Electronic Railway Group) is an international, UK based society for people interested in the application of electronics and computing to all aspects of railway modelling.

## **Millennium Models**

<https://millenniummodelsmorley.co.uk/>

A wide range of new and second-hand models from all the major brands as well as scenic materials, track and control equipment

## **Mount Tabor Continental Models**

<http://www.mount-tabor-models.co.uk/>

We are a specialist model railway shop dealing with the majority of continental manufacturers, from Z gauge to Garden railway.

## **Nick Tozer Books**

<http://www.railwaybook.com/>

I specialise in out-of-print Rail related books & Magazines, FREE Railway Book search service.

## **North Yorkshire Moors Railway**

<https://www.nymr.co.uk/>

Climb on-board a steam or heritage diesel train and experience 24 miles of Yorkshire's amazing scenery from Pickering to Grosmont and Whitby.

## **Road and Rail Collectables**

A wide range of road and associated transport vehicles across the scales.

## **Scalefour Society**

<https://www.scalefour.org/>

The Scalefour Society caters for the needs of railway modellers working to the scale of 4mm/ft (1:76.2), the most popular of the British model railway scales.

## **Wakefield Hospice**

<https://www.wakefieldhospice.org/>

**Wakefield Hospice** is a local registered charity. We have been providing expert care to local people with life limiting illnesses for over 30 years. It is the charity that the WRMS supports at the exhibition.

## **Wakefield RMS Club Sales Stand**

Our famous selection of second-hand bargains sold on behalf of our members.