

# MERG West Midlands Area Group (WMAG)

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## January 2020



David Roberts gave two talks.

John Fletcher talked about 'My MERG Journey'

## October 2019

John Gowers gave a presentation about the mechanics of a steam engine. How to capture real sounds and applying them to your model railway

He also showed us how to inserting sound chips into a loco. This was followed by how you configure the captured sounds to the locos movements and actions.

Here are some of the photos from the day.



## July 2019

### Electrostatic Discharge: What it is and Why it is Important

David Roberts gave a talk on what Electrostatic Discharge is, how it is caused and the damage that it can cause to modern electronic devices and systems. Simple and affordable measures to mitigate the problems will also be described.

### The Theory and Practice of a Simple MERG Kit

Some of us assemble kits without knowing very little about the types of components used and why they are important. David's presentation considers a simple MERG kit – the CANACT – looking at the components used and explain why they are chosen and how it all comes together to work.



Here are some images of the day.



## April 2019

What is Arduino and what can it do for railway modellers



Dave Thomas presented 'All things Arduino' a talk on how to use the Arduino in your model railway

Tony Chamberlain talked gave us a talk on 'A magnetic identity - how to use magnets to identify individual locos on you model railway

## October 2018

### 'Wiring and Power supplies for the Railway Modeller'



We were delighted to welcome David Roberts as our keynote speaker on that occasion.

David gave two talks in the morning.

The first one, focused on **wiring for the railway modeller** and included

- Theoretical aspects of electrical wiring
- Design & Implementation of electrical wiring
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## Examples of wires, tools and terminations

His second talk was **Power Supplies** and explored:

- History • Direct Current (DC) Supplies • Linear Mode Supplies • Switch - mode Supplies
- Sources of Power Supplies • Commercial Devices • Surplus Computer Supplies



## July 2018

Howard Watkins as our keynote speaker.

The theme of our meeting was 'Back to Basics'



*AM - Two talks given by Howard included*

- Theory and practise of Soldering. - Tools and Supplies - Component recognition - Using LEDs

*PM - Practical 'HANDS ON' session to include an opportunity to build a track tester,*

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