



WAYFARER AUGUST 2020

WAYFARER

The Magazine of THE GREEN BELT MOTOR CLUB

Incorporating Stort Valley Auto Club

August 2020

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The opinions expressed in **WAYFARER** are purely those of the contributors and should not be construed as the policies of either The Club or its Committee.

The Editor is not responsible for factual errors, or errors of spelling and English usage, in submitted articles.

For convenience, membership records are maintained on a personal computer. Any Member who does not wish their details to be held in this way should advise the Membership Secretary.

Editor: Chris Deal

Compiler: Chris Deal

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Front cover: Duncan Cowper on his way to FTD (photo by Robert Taylor)

Editorial/Club Sec News

What happened to June and July? For John Davie and I it meant spending most the day in the front of a PC/laptop or on the phone trying to organise the TAMS Packaging Summer North Weald Sprint on 26th July, which was a success with a full entry. To get there were many zoom meetings and webinars, new processes plus all the guidance from Motorsport UK, if we wanted to run the event. I have just checked my in box for emails about the Sprint and I have 1200 emails!! Than there's the ones I sent plus the others on different subjects. John and I had quick add up and we think with everyone working on the sprint it adds up to over 1000 hours to run the event. I know this year it was unlike other years. Early on I thought it can't be that different from previous years, but in the end, we altered every process, hopefully we can use them for the future. Less travelling to meetings – with video meetings, less paper used – more on line forms or signing on etc and spot checks on the day – so no queues on the day for Scrutineering etc. So, the virus has dragged us into the 21st Century. The Sprint very tested us, including a Covid-19 case after the events, fortunately they were clear.

As I write this there's 3 week to the Autocross on one of Anthony's fields and hopefully we will have around 45 competitors plus a few more in the Clubmans event on the Sunday. After the effort with the Sprint this one should be a bit easier.

The Club has gained more members due to the Sprint and the Autocross, welcome all.

AGM/accounts – we can't at the moment hold an AGM but the Club is in a healthy state and the committee members has agreed to continue in their roles into to 2021. If any members have any questions please let me know.

Championships – like many championships ours will be combine with 2021, which means no awards as such in 2021.

In mid July I heard that Keith Ripp of Ripspeed had died and more recently that Brian Aldridge had also died.

Between now and the Autocross I will be moving away from Edmonton to Bedford to escape from the London rat race to find a more peaceful place.

Next time we will have more reports about the Sprint and the Autocross, if we don't have anymore lockdowns.

Until next time – take care.

Chris Deal

Club Diary

~~22 April~~ – Annual General Meeting **POSTPONED**

~~24 June~~ – BBQ and Concours D'Elegance **POSTPONED**

Event dates

Key

(AMSC) – events run by Anglia Motor Sports Clubs which can be entered using our GBMC club card and RS Clubmans licence.

(AEMC) – events run by clubs of the Association Eastern Motor Clubs and GBMC is invited to and normally you need a competition licence.

(BRC) – British Rally Championship 2020

Check before attending in case

August

8-9 Brands Hatch (Indy) BTCC race

8-9 BTRDA RX at Pembrey

9 British GP, Silverstone, 70th anniversary event

14-16 Rally Latvia (ERC)

15 Abingdon Long course Sprint, run by Sutton & Cheam MC (AEMC)

16 Spanish GP, Barcelona

20-23 World RX, Holjes, Sweden

22-23 Autocross at Much Hadham, by GBMC

22-23 Curborough Summer Sprint run by BARC Mids

22-23 Oulton Park (Island) BTCC race

23 Indy 500

28-30 Rally Zin (ERC)

29-30 Knockhill BTCC race

30 Belgian GP, Spa

20-23 World RX, Kuovola, Finland

30-31 RX 5 Nationals Trophy at Lydden Hill

September

4-6 Rally Estonia (WRC)

5-6 Autocross at Kingsbridge, run by South Hams MC

5 Brighton Speed Trials

6 Italian GP, Monza

6 Stirling Moss North Weald Sprint run by Harrow CC/GBMC (AEMC)

6 Debden Targa run by West Suffolk MC (AMSC)

12 BTDR RX at Lydden

13 Italian GP, Mugello

13-14 Le Mans 24 hours race [new date]

17-20 Rally Turkey (WRC)

19-20 Thruxton BTCC race

- 19-20 World RX, Riga, Latvia
- 19 Abrey Targa, run by Chelmsford MC
- 26-28 Azores Rally (ERC)
- 26-27 Silverstone (National) BTCC race
- 26-27 Autocross at Kilmington, run by Torbay MC
- 26-27 RX 5 Nationals Trophy at Knockhill
- 26 Abingdon Sprint by Sutton & Cheam/Farnborough DMC (AEMC)
- 27 Abingdon Stages by Sutton & Cheam/Farnborough DMC (AEMC)
- 27 Russian GP, Sochi
- 27 Cheviot Stages Rally (Motorsport UK Asphalt Rally Championship)
- 27 AutoSolo at Wethersfield, run by Cambridge CC (AMSC)
- 27 Stanta Autotest, run by SCCoN (AMSC)

October

- 2-4 Ypres Rally (WRC)
- 2-4 World RX, Spa-Francochamps, Belgium
- 3 Goodwood Sprint, run by Tunbridge Wells MC/Sevenoaks DMC
- 4 Debden Sprint run by Herts County (AEMC)
- 4 Eelmoor Royale Sprint, run by Farnborough & DMC
- 4 BTDRA RX, Blyton Park
- 9-11 World RX, Montalegre, Portugal
- 9-11 Cyprus Rally (ERC)
- 10-11 Croft BTCC race
- 11 Eifel GP
- 11 David Maitland Car Trial at Ivinghoe run by Falcon MC (AMSC)
- 15-18 Rally Germany (WRC)
- 16-18 Goodwood Speedweek
- 18-19 World RX, Barcelona, Spain
- 17-18 RX 5 Nationals Trophy at Pembrey
- 17 Wyedean Rally
- 17 Curborough Sprint Fianale, run by BARC Mids
- 18 Stage Rally at Wethersfield run by AMSC (AEMC)
- 18 Dukeries Rally run by Dukeries MC (AEMC)
- 18 AutoSolo at Debden, run by West Suffolk MC (AMSC)
- 18 BTRDA RX at Knockhill
- 25-26 Snetterton (300) BTCC race
- 24 Carlisle Stages (British Historic Rally Championship)/(2WD)
- 24 Honington Stages, run by AMSC
- 24-25 Historic Rally Festival at Telford/Weston Park
- 25 Portuguese GP
- 29-1 Rally Italy - Sardinia (WRC)
- 29-31 World RX, Yas Marina, Abu Dhabi

31 Galloway Hills Rally (BRC)

November

1 Emilia Romagna GP

1 Targa at Wethersfield, run by Chelmsford MC (AMSC)

2 Lydden Sprint (am only), run by Sevenoaks & DMC (AEMC)

3 London to Brighton Veteran Car Run

3 Malton Forest Rally

5-8 Rally of the Tests, from Torquay to Chester

6-8 Rally Hungary (ERC)

7 Rally at Oulton Park (MNCRC)

8 Guy Fawkes Car Trial at Kensworth, run by Falcon MC (AMSC)

8 Debden AutoSolo run by West Suffolk MC (AMSC)

9-10 H W Clark 20/20 Trophy Rally, run by Borough 18

10-11 Brands Hatch (Grand Prix) BTCC race

14-15 RX 5 Nationals Trophy at Mondello Park

15 Trial at Lyng, run by SCCoN (AMSC)

17 The Challenger Stages, run Bournemouth & DCC (AEMC)

19-22 Rally Japan (WRC)

20-21 MotorsportDays LIVE and the NEW Motorsport Engineering + Technology Show
at Silverstone Wing

21 North Wales Stages (British Historic Rally Championship)/(2WD)

22 Rally at Cadwell Park (MNCRC)

22-28 Silver Fern Rally (New Zealand)

23 Hall Trophy Stages at Blyton

29 Abu Dhabi GP, Yas Marina

December

7-9 Canaries Rally (ERC)

6 Rally at Donington Park (MNCRC)

6 Trial at Foxborough run by West Suffolk MC (AMSC)

7 Grizedale Stages

11-13 World RX, Nurburgring, Germany

12-13 The Preston Road Rally run by Chelmsford MC

28 Targa at Stanta, run by SCCoN (AMSC)

SCRUTINEERING BAY

I enjoyed reading John Davie's piece in the May/June issue of Wayfarer about his model tanks. I've known JD for many years from the old Stort Valley AC days, and when I last visited JD at his home (when we could do before this nasty covid-19 virus stopped us), I was privileged to be given a guided tour around his workshop and I can vouch for the scale, size and accuracy of the tanks! The largest tank, as JD quoted, 250kg is big, it dwarfs my Focus WRC R/C model! The tank is so large, when it was loaded into the rear of JD's Transit van, it just fitted between the wheel arches, and not much space for anything else! JD displays his R/C model tanks mostly at model fairs and battle re-enactment shows with his other fellow club members, together with full size tanks and trucks, shown and driven around the show ground's arena. Occasionally there's a show on at North Weald, check out the local press for details.

At the time of writing, we are entering into the tenth week of "lockdown" and the government is slowly relaxing some restrictions. We can now go shopping for that non-essential item, see family members or friends, but only by following the social-distancing guidelines! Football is now restarting, that'll please some people, and Motorsport UK is provisionally allowing some sort of motorsport to take place from July 1st. But, there will be a lot of changes that we'll have to take on board.

The first thing you'll notice, when you enter your first event, you will see a new and very different competitor/entrants entry/signing-on form; it will now be done electronically only! If you want to see a copy of the new entry/sign-on form, have a look on the MSUK website. If in any doubt, contact the events entries secretary or secretary of the meeting.

Towards the bottom of the new entry/sign-on form, you'll be required to enter the details of the car you intend to enter with, you'll need to enter the details of its seats, belts and fire extinguishers, where applicable, and your crash helmet, and frontal head restraint (FHR or HANS) if required, too. If you're unsure what details to enter onto the form, please contact the events Chief Scrutineer, their contact details should be in the SR's, or the entries secretary for advice.

At events, you'll notice pre-event scrutineering will be very different. For the moment, it will be conducted by "visual" inspections only, and not "hands-on" as before! So, don't be surprised if scrutineers ask you to show the seats and belts labels and to remove your overalls from the kit bag and hold them up showing the neck label to the scrutineers! The same goes for the checks we normally make on the competition car! To help with scrutineering, the Chief Scrutineer will be supplied by the entry secretary an electronic copy of your car and PPE details taken from your entry form. If the

details you enter are missing, we may take a closer look, and we may do random checks too.

It is in your own interest to abide by the new rules; there will need to be a lot of trust between you, the competitor/entrant, and the technical officials. If you intentionally provide inaccurate details for your car or PPE, you will be reported to the event's Clerk of the Course, who may refer it to the MSUK Steward, (C.1.1, page 61 MSUK Blue Book covers this regulation)!

There are no changes envisaged for noise testing, they will be done as before.

My first event, hopefully, will be at Snetterton for the EnduroKA race meeting July 4/5, so the eyes of the motorsport community will be watching us closely!

We are all living in a fast moving and changing world, things will be different, and difficult, for a time! Please be patient at scrutineering, we are there to help you. Like you, we all want to see motorsport return, safely!

Stay safe.

Loyd Gerken
Motorsport UK National Scrutineer

MEMBERSHIP UPDATE

The Club's committee has decided to make 2020 to be a free year, membership wise. Which means we won't be asking for any membership in 2021 if you are already a member or if someone joins this year. If you have paid for more than one year we will extend your membership by a year.

What did you do in the lockdown?

When the history of 2020 is written, and it will be, the article I don't know how it will end.

I started this in May 2020, a civil servant seconded to the Department of Work and Pensions, dealing with the million new claims for Universal Credit from people losing their jobs as businesses permanently closed. At the time of writing National Travel has just ceased trading causing 2,500 job losses and small businesses are closing permanently every day.

If you had told me that one day I would be working for the 'dole' I would have thought you were utterly insane but that is what I am doing as I write this. Call it what you like but here in the North East DWP still means 'the dole' , I had a year of it trying to find work after I graduated in 1981, the year when unemployment hit three million, an institution variously portrayed in 'Full Monty' , one of my favourite films, 'I Daniel Blake', which I confess I have not seen, and of course in 'The League of Gentlemen' of which I am a devotee . The people I currently deal with have lost their jobs through no fault of their own and my job is to ensure that they are paid correctly on time.

A year ago I was awaiting radiotherapy for cancer treatment but having dealt with that I wanted to work again but not teach. Oddly enough it was my 'work coach' which is the new Job Centre title suggested I try the Civil Service as it covers a multitude of jobs.

I have always been a fan of the steam radio and one of my favourites was always ' The Men from the Ministry' and though I am reasonably competent, don't work in Whitehall , carry an umbrella or have a lecherous boss like Sir Gregory Pitkin, (in fact I really like my bosses)I feel that I am now following in the footsteps of Lennox Brown and Lamb.

I got cracking after my radiotherapy in December and accepted a teaching job with a little training company then via a telephone interview I got my Civil Service job with the Office For National Statistics on Christmas Eve. This led to me doing something less than ethical and working for the training company for a quite enjoyable month in January then leaving to join the Civil Service in February. I wasn't proud of this and will go to confession as soon as I can.

So, I became a Field Interviewer with the ONS working on the Labour Force Survey, interviewing people in their own homes. I did two weeks live and really loved it and then the whatsit hit the fan and lockdown hit. For three weeks I struggled along getting telephone interviews. I should explain that in normal times the Survey works

by pulling postcodes out of hat then scattering addresses to interviewers who then visit those addresses to interview the residents of those properties, all I get is an address and postcode NOT a phone number or a name therefore interviewing from home is almost impossible as interviewers have neither names nor numbers.

Well, after three weeks or so scratching around doing a few interviews but sending back most 'non contact' an email appeared asking for volunteers to do a stint with the DWP and without asking for more information I applied but then Samantha, my Interviewer Manager asked me anyway and as a newbie I was in no position to refuse, though at the same time I felt that it was an opportunity to help out and to develop new skills.

Four weeks later I am here managing 95 cases, though few needing any work from me, most claims are straightforward, my job is to deal with anything preventing payment. I only work online though I have so far phoned one claimant.

I experienced a brain damagingly intensive week in a 'virtual classroom' actually on my laptop in my front room, in front of a screen for seven hours a day learning the basics of Universal Credit, finishing every day with blinding headaches. There were 28 of us in the class which is now 'Group Eeyore' working for the DWP. They are a supportive bunch who sadly I will never meet but the hardest part was that every time we were given a task to complete half a dozen people would start asking questions loudly so that I found concentration impossible.

Of course this is the new reality, 'work' was somewhere I went to and interacted with people, now it is my living room, a laptop and Smartphone, through until August anyway. One thing I am grateful for is my proficiency with IT, passwords, files, saving and the rest. My first real job was with Tandy, a lousy firm of who I have no fond memories but I got an introduction to laptops, PCs and home computers back in 1983 when computers were a novelty. I taught my first IT lesson in 1992 on BBC Basic machines and have always used IT even as an English teacher. I have IT qualifications but do not consider myself an expert but I did not struggle with the basics of my laptop and the training software as many did. I have used the term 'digital fortress', pinched from Dan Brown I believe, to describe the DWP intranet which took us all a whole day to get access to but I was one of the first to do so.

The numbers are staggering:

- Each of my cohort has around 100 cases working out to around 2300 claims between us.
- ONS is far from the only department involved, I linked up with staff from DEFRA and OFSTED last week,

- 1100 new staff tried to log into the DWP intranet at one go last week and one Skype briefing was for 150 people.
- 119 of ONS 750 interviewers are currently working for the DWP amongst 15000 new Claims Managers, my job title, dealing with a million new claims.

As Captain Blackadder said at the very end of the last series, 'This is a large crisis.....'

To be continued

Chris Payne

Power of the Proof Reader

Did I read that sign right?

TOILET OUT OF ORDER. PLEASE USE FLOOR BELOW.

In a Laundromat:

AUTOMATIC WASHING MACHINES: PLEASE REMOVE ALL YOUR CLOTHES WHEN THE LIGHT GOES OUT.

In a London department store:

BARGAIN BASEMENT UPSTAIRS...

In an office:

WOULD THE PERSON WHO TOOK THE STEP LADDER YESTERDAY PLEASE BRING IT BACK OR FURTHER STEPS WILL BE TAKEN.

In an office:

AFTER TEA BREAK, STAFF SHOULD EMPTY THE TEAPOT AND STAND UPSIDE DOWN ON THE DRAINING BOARD.

Outside a second-hand shop:

WE EXCHANGE ANYTHING - BICYCLES, WASHING MACHINES, ETC. WHY NOT BRING YOUR WIFE ALONG AND GET A WONDERFUL BARGAIN?

Notice in health food shop window:

CLOSED DUE TO ILLNESS...

Spotted in a safari park: (I sure hope so.)

ELEPHANTS, PLEASE STAY IN YOUR CAR.

Seen during a conference:

FOR ANYONE WHO HAS CHILDREN AND DOESN'T KNOW IT, THERE IS A DAY CARE ON THE 1ST FLOOR.

Notice in a farmer's field:

THE FARMER ALLOWS WALKERS TO CROSS THE FIELD FOR FREE, BUT THE BULL CHARGES.

Message on a leaflet:

IF YOU CANNOT READ, THIS LEAFLET WILL TELL YOU HOW TO GET LESSONS.

On a repair shop door:

WE CAN REPAIR ANYTHING. (PLEASE KNOCK HARD ON THE DOOR - THE BELL DOESN'T WORK.)

Man Kills Self Before Shooting Wife
And Daughter

This one I caught in the SGV Tribune the other day and called the Editorial Room and asked who wrote this. It took two or three readings before the editor realized that what he was reading was impossible!!! They put in a correction the next day.

Something Went Wrong in Jet Crash, Expert Says
Really? Ya' think?

Police Begin Campaign to Run Down Jaywalkers
Now that's taking things a bit far!

Panda Mating Fails; Veterinarian Takes Over
What a guy!

Miners Refuse to Work after Death
No-good-for-nothing' lazy so-and-so's!

Juvenile Court to Try Shooting Defendant
See if that works better than a fair trial!

War Dims Hope for Peace
I can see where it might have that effect!

If Strike Isn't Settled Quickly, It May Last Awhile
Ya' think?!

Cold Wave Linked to Temperatures
Who would have thought!

Enfield (London) Couple Slain; Police Suspect Homicide
They may be on to something!

Red Tape Holds Up New Bridges
You mean there's something stronger than duct tape?

Man Struck By Lightning: Faces Battery Charge
He probably IS the battery charge!

New Study of Obesity Looks for Larger Test Group
Weren't they fat enough?!

Astronaut Takes Blame for Gas in Spacecraft
That's what he gets for eating those beans!

Kids Make Nutritious Snacks
Do they taste like chicken?

Local High School Dropouts Cut in Half
Chainsaw Massacre all over again!

Hospitals are Sued by 7 Foot Doctors
Boy, are they tall!

And the winner is...
Typhoon Rips Through Cemetery; Hundreds Dead
Did I read tha





What are we doing during lockdown? (part 5)

I've moved across to Africa now with some German Afrika Corps kit.



Here is a German SdKfz7 Half Track towing two versions of the mighty 88mm gun, the first being mounted on a cruciform with removable dolly wheels intended as an anti-aircraft gun although its versatility made it an effective artillery and anti-tank gun as well. The second is a Flak 43/41 ant-tank gun. This model with the two guns stretches to just over 13 feet long. In front is a 222 reconnaissance vehicle which is 4 wheel drive and 4 wheel steering and in the background the British Morris Quad with 18 pounder gun.

Unfortunately shortly after this picture I managed to strip the gears in one of the Half Tracks motor gearboxes. This, like all of my tracked vehicles, uses two 24v electric motors for the drive and fortunately this motor is made in England so I should be able to get the parts to repair it soon. The wheeled vehicles are also 24v but with a single motor providing 4wd.





What are we doing during lockdown? (part 6)

This time it's two heavyweights of my 1/6 collection, both weighing in around 120 Kg and are from opposite ends of the spectrum.



The World War 1 MkIV Tank on the right is from the days when a tank was seen purely as support for the infantry, to crash through barbed wire and over trenches. Externally it had a number of cannons, but it was not a pleasant or environmentally friendly place to work. The crew worked around the unprotected engine which was centrally mounted inside and was extremely hot, noisy and leaked noxious gasses into the interior for all to breathe. It was cumbersome, heavy and had no suspension at all so the model, like the real thing, crashes and bangs violently over the slightest of bumps and has to be driven with care.

The Centurion on the left was a post WW2 tank and a much more pleasant place to be. It went into production in 1945 as, what was then known as a Heavy Cruiser Tank, although later historians have called it a MBT (Main Battle Tank), a term never used when it was built. It was designed to be a major gun platform and finished up with a high velocity 20 pounder gun and sophisticated suspension system. It was powered by the Rolls Royce V12 Meteor engine developed from the mighty Merlin and producing some 650hp, and used a Morris engine, latterly similar to that in a Morris Minor, to drive its generators.



What are we doing during lockdown? (part 7)

Finally I get the monster of my collection, this is a ¼ scale King Tiger which measures around 90 cm wide, 1.8 metres long in the hull and about 2.5 metres including the gun and weighs in at 250 Kg.



The German King Tiger should probably make it the most fearsome WW2 tank, even more so than the infamous Tiger however, due to allied raids on the factory, less than 500 were produced. Its size made it too big for many of the bridges and roads of the day and its heavy weight really meant it was underpowered making it cumbersome and unreliable so the smaller Tiger and Panther tanks were a more practical proposition. The model, however does run pretty well and with each track being 8 inches wide and can go almost anywhere it wants!



Taking the opportunity to get my whole collection out in the sunshine for a group photo, here is an overall picture.



John Davie

Welcome to tomorrow!!

THERE IS REASON TO BELIEVE MOST OR ALL OF THE FOLLOWING WILL BECOME REALITY IN THE NEXT 10-20 YEARS. MOST OF US WON'T SEE THE CHANGES, BUT OUR KIDS AND GRAND-KIDS WILL!!

- 1 - Auto repair shops will disappear.
- 2 - A petrol/diesel engine has 20,000 individual parts. An electrical motor has 20. Electric cars are sold with lifetime guarantees and are repaired only by dealers. It takes only 10 minutes to remove and replace an electric motor.
- 3 - Faulty electric motors are NOT repaired in the dealership but are sent to a regional repair shop that repairs them with ROBOTS.
- 4 - Your electric motor malfunction light goes on, so you drive up to what looks like a car wash, and your car is towed through while you have a cup of coffee. Then your car comes out on the other side with a new electric motor or component.
- 5 - Petrol pumps will go away.

- 6 - Street corners will have meters that dispense electricity. Companies will install electrical recharging stations, in fact, they've already started in the developed world.
- 7 - Smart major auto manufacturers have already designated money to start building new plants that build ONLY electric cars.
- 8 - The "Coal Industries" will go away. Gasoline/oil companies will go away. Drilling for oil will stop. So say goodbye to OPEC. The middle-east is in trouble.
- 9 - Homes will produce and store more electrical energy during the day than they use. It will be sold back to "The Grid". The Grid will store and dispense it, to the industries that are high electricity users. Has anybody seen the Tesla roof??
- 10 - A baby of today, will only see "personal cars" in museums. The FUTURE is approaching faster than most of us can even handle.
- 11 - In 1998, Kodak had 170,000 employees and sold 85% of all photo paper worldwide. Within just a few years, their business model disappeared and they went bankrupt. Who would have thought of that ever happening??
- 12 - What happened to Kodak and Polaroid will happen in a lot of industries in the next 5-10 years and most people don't even see it coming
- 13 - Did you think in 1998 that 3 years later, you would never take pictures on film again. With today's smartphones, who even has a camera these days??
- 14 - Yet digital cameras were invented in 1975. The first ones only had 10,000 pixels but followed Moore's law. As with all exponential technologies, it was a disappointment in the beginning. before it became way superior and mainstream in only a few short years.
- 15 - It will now happen again (but much faster) with Artificial Intelligence (AI), health, autonomous and electric cars, education, 3D printing, agriculture and jobs.
- 16 - Forget the book, "Future Shock", welcome to the 4th Industrial Revolution.
- 17 - Software has disrupted and will continue to disrupt most traditional industries. (in the next 5 to 10 years).
- 18 - UBER is just a software tool, (they don't own any cars), and are now the biggest taxi company in the world. (Ask any taxi driver if they saw that coming).
- 19 - AIR-BnB is now the biggest hotel company in the world (they don't own any properties). Ask Hilton Hotels or the Marriott, if they saw that coming.
- 20 - Artificial Intelligence (AI): Computers become exponentially better in understanding the world. This year, a computer beat the best Go-player in the world. (10 years earlier than expected).
- 21 - In the USA, young lawyers already don't get jobs, (because of IBM's, WATSON). You can get legal advice within a few seconds so far the basic stuff. with 90% accuracy compared with 70% accuracy when done by humans. So, if you're studying law, STOP IMMEDIATELY. There will be 90% fewer lawyers in the future, what a thought and only omniscient specialists will remain.
- 22 - WATSON already helps nurses diagnosing cancer. it's 4 times more accurate and many times faster than human nurses.

- 23 - Facebook now has a 'face recognition' software that can recognize faces better than humans. In 2030, computers will become more intelligent than humans.
- 24 - Autonomous cars: In 2018 the first self-driving cars were already here. In the next few years, the entire auto industry will start to be disrupted. You won't want to own a car any more as you will call a car with your phone, it will show up at your location and drive you to your destination.
- 25 - You will not need to park it, you will pay only for the 'driven distance' and you can be productive while driving. The very young children of today will never get a driver's license and they will never own a car.
- 26 - This will change our cities because we will need 90% to 95% fewer cars. We can transform former parking spaces into green city parks.
- 27 - About 1.2 million people die each year in car accidents (worldwide). That includes distracted or drunk drivers. We currently have one accident every 60,000 miles driven. However, with autonomous driving that will drop to 1 accident in about 6 million miles. That will save a million plus lives, worldwide each year.
- 28 - Most traditional car companies will doubtless become bankrupt. They will try the evolutionary approach and just build a better car, while tech companies (Tesla, Apple, Google) will do the revolutionary approach and build a computer on wheels.
- 29 - Look at what Volvo is doing right now. no more internal combustion engines in their vehicles starting this year with the 2020 models. They are using all-electric or hybrid only, (with the intent of phasing out hybrid models in the not too distant future).
- 30 - Many engineers from Volkswagen and Audi are completely terrified of Tesla. Look at all the companies offering all-electric vehicles. That was unheard of, only a few years ago.
- 31 - Insurance companies will have massive trouble to. because, without accidents, the costs of insurance will become cheaper. Their car insurance business model will disappear.
- 32 - Real estate will change. Because if you can work while you commute, or you can work from your home, people will abandon their towers to move far away to more beautiful and affordable properties.
- 33 - Electric cars will become mainstream by about 2030. Cities will be less noisy because all new cars will run ONLY on electricity.
- 34 - Cities will have much cleaner air.
- 35 - Electricity will become incredibly cheap and clean.
- 36 - Solar production has been on an exponential curve for 30 years. but you can now see the burgeoning impact, and it's just starting to get ramped up.
- 37 - Fossil energy companies are desperately trying to limit access to the grid to prevent competition from home solar installations, but that simply cannot continue. Technology will take care of that strategy in the not too distant future.

38 - Health: The Tricorder X price will be announced this year. There are companies who will build a medical device called the "Tricorder" from Star Trek that works with your phone, which takes your retina scan, a sample of your blood, then you breath into it. It then analyses 54 bio-markers that will identify nearly any disease. There are dozens of phone apps out there right now for health.

WELCOME TO TOMORROW – some of it actually arrived a few years ago. And, wouldn't you know it, I'm still trying to figure out how to use my cell phone!!



Motorsport Quiz Answers

1 In which film did Elvis Presley play a racing driver?

D Viva Las Vegas

2 In the feature film 'Grand Prix' who played driver Pete Aron?

A James Garner

3 At the 1988 Le Mans 24 hours Green Belt member Robin Donovan drove an Argo owned by which rallycross driver?

A Martin Schanche

4 The late great Colin McRae won how many WRC rounds?

B 25

5 In the recent feature film 'Le Mans '66' which two manufacturers contested the race?

B: Ford v Ferrari

6 Who was the first Japanese manufacturer to win the Le Mans 24 hours?

D Mazda

7 A museum dedicated to which great driver can be found at Duns

B Jim Clark

8 On which circuit will you find Creg-ny Baa , Windy corner and Keppel gate?

C Isle of Man TT

9 Which championship did Stirling Moss contest in 1980 and 1981?

A British Saloon cars

10 The comedy film ' Talledega Nights' features which form of motor sport?

C NASCAR

11 In which rally would you find Bunnings Jumps?

D Australia

12 What branch of motorsport started in 1967 after the cancellation of the RAC Rally?

A Rallycross

13 Ian Appleyard won the RAC Rally in 1951 and '53 with what make and model of car?

D Jaguar XK120

14 Poole Pirates Redcar Bears and Berwick Bandits are all teams in which branch of motorsport?

B Speedway

15 Whose domination of the solo classes features in the film 'TT Closer to the Edge'?

A Ian Hutchinson

16 The Auto Union Type D was a 1938 Formula One car funded by which government?

D Nazi German

17 The late great Stirling Moss won a British Grand Prix for Mercedes at which circuit?

B Aintree

18 A round of which British Motorsport Championship could you see in Hartlepool town centre?

D Autotest

19 The Norisring which now hosts a round of the German Touring Car Championship is built around Hitler's grandstand, the Steintribune, but on the outskirts of which city?

A Nuremberg

20 In 1993 Ayrton Senna drove what has been called ' The lap of the gods' in the European Grand Prix but where?

D Donnington Park

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Committee Members 2020

President – Richard Warne

Vice Presidents – Dan Chalk and Geoff Jackson

Chairman

Malcolm Wise
16 Bycullah Road
Enfield
EN2 8EW
020-8351-4953

Membership Secretary

David Hughes
10 Danesbury Park Road
Welwyn
AL6 9SE
01438-718965
secretary@greenbeltmc.org.uk

Treasurer/Website

Ed Davies
11 Herons Close
Stubbington
Hampshire
PO14 2HA
07711-691029
ed.davies@greenbeltmc.org.uk

Club Sec/Association delegate

Chris Deal
6 Waterside Moorings, Priory Marina
Barkers Lane
Bedford
MK41 9DJ
07920-840689
chris.deal@greenbeltmc.org.uk

Press Officer

Robert Taylor
52 Hillfield Park
Winchmore Hill
London
N21 3QL
020-8886-6428
Roberttaylor893@btinternet.com

Social Secretary

Melanie Camp
Wendycot, Chelmsford Road
Hatfield Heath
Essex
CM22 7BH
07748-952005
turkeystile@hotmail.com

Competition Sec & Marshalling co-ordinator

John Davie
18 Hazelwood Lane
Amphill
Beds
MK45 2HA
01525-405521
Jc.davie@btinternet.com

Magazine Production

Chris Deal

Social Media co-ordinator

Mark Goddard

ARTICLES FOR PUBLICATION

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