



# THE CENTURION SMOKEBOX

*"Providing smoking news and steaming interests to members and friends"*

## Centurion Society of Model Engineers

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 Centurion Society of Model Engineers  
Centurion Society of Model Engineers' Supporters Group

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## CSME NEWSLETTER FEBRUARY 2023

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### COMMITTEE

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Vice chair. - John O'Mahony	082 809 3595
Treasurer - Ballot Marx	082 808 5783
Secretary - Norman Reyneke	082 553 7344
Committee - Jon Shaw	072 437 0710
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### Non-committee person contacts

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**2023 SUBS: R500 FOR ORDINARY MEMBERS R250 FOR SENIOR MEMBERS AND STUDENTS**

## Official Correspondence & Newsletter

If you read this and are not receiving mail from the CSME you should contact the secretary or editor to update your details. Please ensure we are notified of any change of email address and cell phone number. Those members without email can collect a copy of the newsletter on request from the clubhouse on track day. The news letters are also distributed via the official CSME Whatsapp group.

### Next Club Meetings

The committee meeting is on the 18<sup>th</sup> of February 2023. 19<sup>th</sup> of February 2023 will be the club track day.

Members are welcome any other time by arrangement with Swannie 064 520 8572. The gates are operational by cell phone for members. Members, please contact Norman Reyneke to be added to the gate motor list.

**PLEASE ATTEND THE AGM:  
SATURDAY, 25 FEBRUARY 2023 at 14:00.**

### **Chairman's Chatter**

The year started well with good support from the public, and 4 excellent running days in January thanks to our regular drivers.

Flooding is our new reality, with 2 floods in the last week. The clean-up of the river helps to lower the levels in the station area, but water levels in the steaming bay reach close to 1 meter. Without our mitigation measures we would suffer extensive damage every time. Hyacinth creates a clean-up problem as it get washed over the whole club area.

We installed solar inverters and batteries so far to save on generator running, still need to get our panels installed.

We look forward to start work on the raised track again. The Tuesday gang started with the rebuild of Trompie's partner loco. See some photos of the drive train using a Ford gearbox like Barry under Who's Doing What.

## Secretary's Bit

Please remember that the club AGM is on 25 February at 14H00 in the clubhouse. The normal club weekend is this coming weekend, 18/19 February.

Members are reminded that subs for 2023 are now due. (Full members R500.00 and Senior/Student members R250.00).

Only one birthday for February:  
**Hanno Louw**

## From the Editor

Thanks a mil to all the contributions for this edition of THE CENTURION SMOKEBOX.

A new feature this month is 'commissioned' articles by club members. The first is by the CSME Model Builder of the Year, Michael Eykelhof. He did very well and is very interesting and informative. If you have any special skill or have some interesting information to share, please do not hesitate to contribute a page or two, with photos for placement in the Centurion Smokebox. This may also include a commercial service you supply that may be of interest to fellow club members as well as the model engineering community. This news letter is not just distributed to CSME club members, but other club and societies in the RSA, as well as overseas.

We are not journalist by any measurement, just hobbyists attempting to share relevant information and interest to fellow hobbyists!

Please feel free to contribute content to the news letter, big and small, complicated and/or basics.

Send any contributions and/or suggestions to Carel at 076 7749 221 by whatsapp or mail to [carel@angohygiene.com](mailto:carel@angohygiene.com) or [kgmodelbouery@gmail.com](mailto:kgmodelbouery@gmail.com).

## CSME MEMBER PROFILE

### Michael Eykelhof CSME Bouer van die Jaar vir 2022

Ek is gebore in 1992, Johannesburg. Oupa Willem en ouma Lenie het my groot gemaak. Oupa Willem het sy eerste lokomotief klaar gebou in die selfde jaar as my geboorte en daar het my stoom roete begin.

Op 3 jaar oud het ek op my eie, met oupa se butch, op sy garden railway gery. Op ouderdom van 5 jaar het Bloemfontein Society of Model Engineers vir my n stoom lisensie gegee wat my die jongste stoom drywer ter wereld gemaak het. Op 7 jaar oud het ek my eerste lokomotief gekry, n simplex. Oupa het hom by n model bouer, Johan Pienaar gekoop vir R4000. Die lokomotief was nie instaat om van Centurion se stasie tot by eerste brug te ry nie. Dit was ons eerste project saam en die simplex loop vandag nog 24 jaar later. Op 9 jaar oud het ek lisensie gekry om passengers te sleep. Ek was 11 jaar oud toe ek op my eie op die draaibank kon werk en het my eie simplex self gediens met nuwe bushes soos wat hulle uit gesluit het.



2006 was ek hoërskool toe en begin toe om n sweetpea te bou, nie alleen nie maar saam met oupa 2007 klaar gemaak. Hoërskool het my besig gehou met na skool aktiwiteite maar in 2008 toe begin ons met 15F 2929, elke dag na skool tot en met 2010, toe ek klaar maak met skool. In 2012 is die 15F uit eindelijk klaar en sy maiden run in Centurion gedoen. 2013 toe maak ek my fire fly GWR 61 klaar wat ek gekry het as 70% kompleet. Sy maiden run was ook in Centurion die selfde jaar. In 2014 maak ek en oupa die springbok klaar freelance design/my eie design. 2016 begin ek die ontwerp van my freelance simplex MUFASA, in 2017 het die machine werk begin, en 2020 was sy maiden run by CSME.



## CSME MEMBER PROFILE

2021 begin ek met n British A3 Peppercorn van LNER Railways. In 2022 het hy n maiden run op Centurion gedoen. Tans besig met nog n Sweetpea op 5 duim en het in 2023 begin met my 16DA. Daar was nog paar lokomotiewe wat ek as volledig aan gekoop het en aan gewerk het; GWR Firefly 59 5 " gauge, SAR 15A 5 " gauge, SAR 16DA 3.5" gauge, SAR 10B 5 " gauge, SAR 16DA 5 " gauge, n Leon Kamffer Britannia 5 " gauge, Shaun Spaan se Juliet 3.5" gauge, 3,5" Tich van Carel, 3.5 " gauge SAR klass 23 incomplete, 3.5" gauge Flying Scotsman, Gauge 1 SAR class 8 toe na Carel toe.



Toekomstige projekte reeds oor 50% kompleet: King class Excaliber no 7000 en klas 6J SAR smal spoor Lawley.

Dit was sover in my 31 jaar van bestaan op die aarde. n Passie en groot liefde om met scrap metal iets te bou wat kan ry, dit lyk nie die beste nie, dit werk nie die beste nie maar vir my is dit die beste gevoel om daai stoom klep oop te draai en te kan voel hoe alles in beweging kom na ure en dae en maande en jare se spartel en sukkel. Partykeer maak n mens die selfde part 20 keer, tot hy reg is!





Who is doing what?



The cover of Model Engineer magazine features a man, Shawn Spaan, sitting on a red De Winton locomotive at an outdoor fair. The magazine title 'MODEL ENGINEER' is prominently displayed in large, gold, 3D letters. Above it, a red banner reads 'THE ORIGINAL MAGAZINE FOR MODEL ENGINEERS'. To the left, a vertical logo says 'MODEL ENGINEER'. Below the title, the volume and issue information 'Vol. 230 No. 4709 • 27 January - 9 February 2023' is printed. A small emblem in the top right corner celebrates 'SMEE & MODEL ENGINEER Celebrating 125 years'. The main headline 'Model Fair' is in large white letters, with the subtitle 'A fair in the South African spring sunshine' below it. A 'COVER FEATURE' tag is in the top right. The article 'De Winton' is highlighted with the text 'An unusual locomotive celebrates its half century'. Another article, 'B1 Axle Boxes', is described as 'We detail split axleboxes for a 5 inch LNER B1'. At the bottom, a circular inset shows a mechanical part, and the word 'DIVIDING' is in large gold letters, followed by 'A neat indexing attachment for a Myford lathe'. The 'MORTONS' logo is in the bottom right corner.

**MODEL ENGINEER**

THE ORIGINAL MAGAZINE FOR MODEL ENGINEERS

Vol. 230 No. 4709 • 27 January - 9 February 2023

**MODEL ENGINEER**

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**COVER FEATURE**

**Model Fair**  
A fair in the South African spring sunshine

**De Winton**  
An unusual locomotive celebrates its half century

**B1 Axle Boxes**  
We detail split axleboxes for a 5 inch LNER B1

**DIVIDING**  
A neat indexing attachment for a Myford lathe

MORTONS

Luke Ronne wrote an article for the MODEL ENGINEER featuring the CSME 2022 Spring Meet. Stunning to see Shawn Spaan on the front cover! Well done guys, world class indeed!

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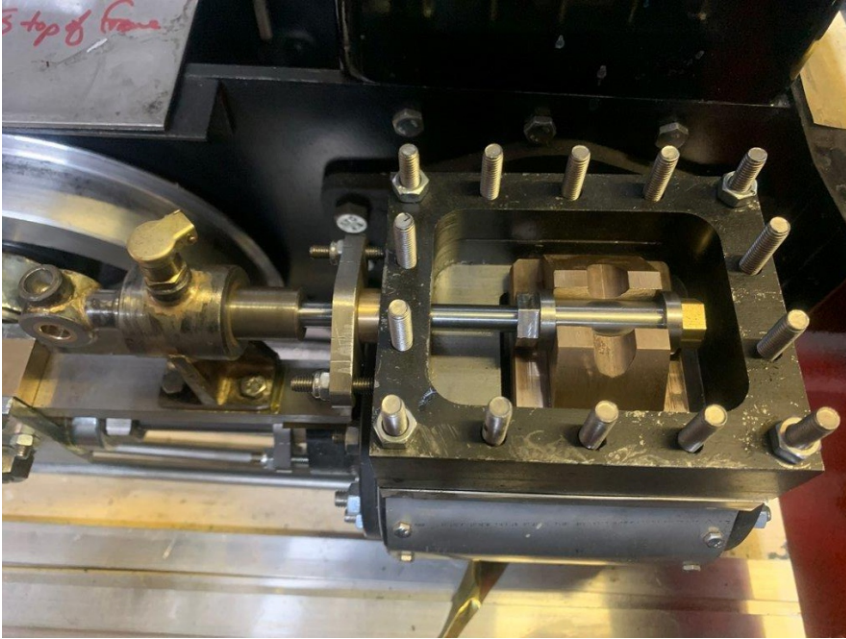
## Who is doing what?



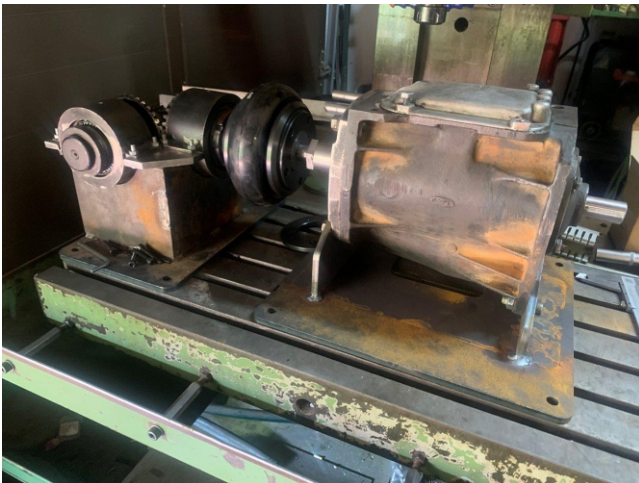
Johnny Sharpe painting and assembling his SHAY. The hydrostatic lubricator is a work of art!



## Who is doing what?



Slide valve of the CSME club Bagnall locomotive by Leon Kamffer.



Drive train for petrol loco rebuild by the Tuesday gang.



Model Engineers at work: Installation of the CSME solar system.



Invasion of the wheels - stripped out by the Tuesday gang for some love and care.



## Who is doing what?



The CAPE GAUGE 1, 1:24 scale EW tender bogie now mounted with spring loaded axle boxes by Carel Janse van Rensburg.



Garden railway wheels cast in zinc with the 'lost wax' casting technique by Carel Janse van Rensburg.

## Sell & Swop Section



For Sale

LGB Garden Railway set, Limited Edition, the loco is DCC plus 4 extra wagons. Contact Hannes Paling at 0832307762

Fore Sale

3 phase generator, ran 65 hours from new. Contact Hannes Paling at 0832307762

For Sale

Chinese EDM Wire cutter

This wire cutter works well, it is quite old and has had almost all its electrical equipment and switchgear replaced with modern components, it is a heavy, very sturdy machine. The computer is also old and I have a spare hard drive with the program loaded so there is a back-up. Also a spare roll of wire and various other spare bits and bobs, as well as a manual, a lot of it was rewritten as we learned how to use it. Price R30 000.

Please contact Bertie Rietveld 083 232 8766

For Sale

Hermle FW 801

This milling machine has been retrofitted to CNC some years back (with the help of Prof Rudy and the CNC club) I have used it as a manual mill, it runs Linux and I never quite got the hang of it, but all the stuff is there to run it as CNC. My workshop is too full and I need the space so time to sell some redundant machines. Priced to sell at R30 000.

Please contact Bertie Rietveld 083 232 8766



# Funnies

