ANZMAG NEWS - DECEMBER 2018

By Oliver A.H. Jones (RMIT University - oliver.jones@rmit.edu.au)

Dear all,

A belated Merry Christmas to everybody. I hope that you all had/are having a good holiday. I didn't quite get a change to send this one out before the Christmas break (apologies for that) but don't worry, there will be another edition at the end of January as usual.

ANZMAG 2019

The 12th Australian and New Zealand Society for Magnetic Resonance (ANZMAG) conference will be held from Monday 25th to Thursday 28th of November 2019 in the southwest region of Western Australia. This is the first time for Western Australia to host the conference so please put the dates in your diary and start planning, as the call for abstract should come out in March. Full details can be found at the website http://www.anzmag2019.com/

ANZMAG VIDEO PROOFREADERS/WATCHERS NEEDED

Calling all magnet heads!! Dr Ann Kwan has just finished the first round of editing on Profs Art Palmer and Malcolm Levitt's lecture series on NMR Relaxation and Spin Dynamics, respectively, which were recorded at the ANZMAG workshop 2017. The material is advanced and aimed at senior PhD students, post docs and researchers with prior learning in magnetic resonance. These series follow previous ANZMAG lecture series on a range of topics on magnetic resonance (https://www.youtube.com/user/ANZMAG/playlists). If you'd like to test your NMR knowledge and proofwatch these videos, Then Ann (ann.kwan@sydney.edu.au) would love to hear from you. A small token payment, in the form of movie/Amazon vouchers, is available, plus you will be acknowledged in the final release of the videos on YouTube. Ready for the challenge? Please contact Ann at the address above if interested.

SciVal

I came across SciVal recently. It looks to be a useful tool to give context to your citation numbers. The tool lets you get your Scopus data and then benchmark it again the research performance of more than 10,500 research institutions and their associated researchers from 230 nations worldwide. This means you can look up your metrics against the mean for say Analytical Chemistry as a field and see if you are above or below average. The data could be good for grant applications (assuming you are above average). See more at https://www.scival.com/ and see also here https://www.brighttalk.com/webcast/13819/317029 for a webinar on how it works. RMIT seems to have access but I am not sure if you need to pay for access if you are outside a university.

NMR seminar @ Bio21 on 16 Jan

There will be a free lecture on "Optimization in NMR fragment screening and triple resonance experiments" given by Dr Paul Coote, a research Associate in Biological Chemistry & Molecular Pharmacology at Harvard Medical School from 12-1 pm on Wed 16 January in the Bio21 Auditorium at the University of Melbourne. More information and a flyer can be found at https://www.dropbox.com/s/pnooinrd8tigeug/NMR%20Seminar_Paul%20Coote_Flyer.pdf?dl=0 for those interested. Thanks to Prof Frances Separovic for forwarding this on.

CSIRO Synthetic Biology Future Science Fellowships

CSIRO's Synthetic Biology Future Science Platform (SynBio FSP) has opened of the third round of CSIRO Synthetic Biology Future Science Fellowships. The scheme aims to attract outstanding national and international early- to mid-career postdoctoral researchers (equivalent to Australian Academic Levels A and B, or in exceptional circumstances, Level C) to expand Australian research capacity in synthetic biology. Research projects must demonstrate an ability to build Australian capacity in synthetic biology. The 2019 round is the third call funded by the SynBio FSP and will support Fellowships to start by 1st November 2019. If you want to find out more or apply then please see https://research.csiro.au/synthetic-biology-fsp/about/work-with-us/synbio-fellowships/ for all the details.

PROF. MILDRED COHN AND HER PIONEERING WORK IN NUCLEAR MAGNETIC RESONANCE

Professor Mildred Cohn was an American biochemist and a pioneer in the use of nuclear magnetic resonance for studying enzyme reactions, particularly in Adenosine triphosphate. There is a great article on her work at https://womenyoushouldknow.net/mildred-cohn-nuclear-magnetic-resonance/ for those interested.

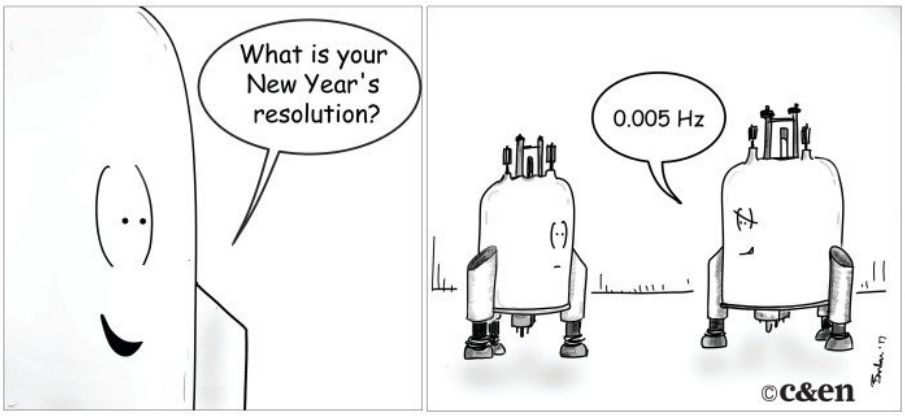
STORIES FROM THE WEB

- https://www.azom.com/equipment-details.aspx?EquipID=6568 - Can you use Electron Spin Resonance to look at the freshness of Beer? Bruker can and you can read more about it at this link.
- https://smanewstoday.com/2019/01/07/patient-diagnosed-with-sma-type-2-after-mri-reveals-nerve-atrophy/ - High-resolution magnetic resonance imaging (MRI) of the spinal cord may be a non-invasive way of monitoring spinal muscular atrophy (SMA) disease progression and responses to treatment, a case report suggests.
- https://www.seas.harvard.edu/content/exploring-earth-s-deep-subsurface-with-magnetic-resonance-chip - This one is a really interesting story about the development of miniaturized nuclear magnetic resonance for oil and gas exploration

---

Happy New Year

Although this is technically the December 2018 newsletter it is going out in early January 2019 and as the next newsletter won't come out until the end of the month I wanted to take the opportunity to wish you all a Happy and Successful 2019! Thank you all for your support and kind messages this year. We look forward to sending you more Magnetic news and views in 2019.



Original at https://cen.acs.org/content/cen/articles/95/i5/Sketch-chemistry-NMRs-goals.html