

ANZMAG NEWS - April 2019

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Dear all,

Welcome to the April 2019 edition of ANZMAG News, "[Oh to be in England, now that April's there...](#)" as the poem goes. I hope everybody had a good Easter and had the chance for a rest. This month we have the following news for you.

GRANTS AND AWARDS

The **APNMR Travel Grants** support travel for junior faculty and graduate students already scheduled to present at the 8th APNMR. Those awarded a Conference Travel Grant will receive a cash prize of \$500. Awardees will also be recognized in the conference program. Application deadline is **May 7, 2019**. To apply please submit (as pdf) your CV (2 pages max) and a cover letter to jtorres@ntu.edu.sg explaining your interest in attending the APNMR conference, and how you will benefit from it professionally. Thanks to Prof Ray Norton for sending this one in.

The **2019 CSL Florey Medal** will be awarded to an Australian biomedical researcher for significant lifetime achievements in biomedical science and/or human health advancement for research conducted primarily in Australia. See <http://www.aips.net.au/news-events/the-florey-medal/selection-criteria-and-procedure/> for more details.

Applications are being invited for the **RACI National Awards for 2019**. Awards are offered in multiple categories. See <https://www.raci.org.au/events-awards/national-awards> for more details.

Entries to the 2019 **Australian Museum Eureka Prizes** close Friday, 3 May at 7pm AEST. Please see <https://australianmuseum.net.au/get-involved/eureka-prizes/> for details.

Nominations are open for the **2020 Australian Academy of Science Honoric Awards**. Nominations close 1 May 2019 - Full guidelines and nomination details can be found at <https://www.science.org.au/opportunities-scientists/recognition/honoric-awards>

ISMAR ON-LINE CONVERSATIONS ON MAGNETIC RESONANCE

The International Society of Magnetic Resonance (ISMAR) recently announced a series of on-line discussions about research topics that are of current interest to the magnetic resonance community, called "Conversations on Magnetic Resonance". Each Conversation in this series will focus on a specific topic and will include short presentations by a panel of experts. Links to these Conversations will be posted on the ISMAR web site (<https://www.weizmann.ac.il/ISMAR/>).

JOBS

Flinders University are looking for a Senior Lecturer in Chemistry Please see <http://jobs.flinders.edu.au/cw/en/job/497048/senior-lecturer-in-chemistry> for more details

NEW BOOKS

Hybrid MR-PET Imaging: Systems, Methods and Applications (Editor: N Jon Shahee)

This book describes the basics of MRI and PET and then the technical issues and advantages involved in bringing together the two techniques. I am told that Bill Price was the commissioning editor. See <https://pubs.rsc.org/en/content/ebook/978-1-78801-074-0> for the details.

Biomolecular and Bioanalytical Techniques: Theory, Methodology and Applications (Editor - Vasudevan Ramesh). This book offers an introduction to, and a basic understanding of, a wide range of biophysical techniques, including NMR and others See <https://www.wiley.com/en-au/Biomolecular+and+Bioanalytical+Techniques:+Theory,+Methodology+and+Applications-p-9781119484011> for more information.

UPCOMING NMR EVENTS AND CONFERENCES

ANZMAG 2019, 25th - 28th November 2019, Western Australia, <http://www.anzmag2019.com/>

Instruct Biennial Structural Biology Conference "Structural Biology: Deeper into the Cell"
May 22-24, 2019, Alcalá de Henares, Madrid, Spain <https://www.structuralbiology.eu/biennial2019>

Computational Aspects of Biomolecular NMR Gordon Research Seminar
June 8-9, 2019, Les Diablerets, Switzerland <https://www.grc.org/computational-aspects-of-biomolecular-nmr-grs-conference/2019/>

16th International Symposium on Spin and Magnetic Field Effects in Chemistry and Related Phenomena (Spin Chemistry Meeting 2019) August 18-22, 2019, Saint Petersburg, Russia
<http://scm2019.tomo.nsc.ru/index.php?lang=en>

ISMAR 2019 21st International Society of Magnetic Resonance Conference joint with EUROMAR 2019 August 25-30, 2019, Berlin, Germany <https://conference.euroismar2019.org/event/1/>

Alpine Conference on Magnetic Resonance in Solids September 15-19, 2019, Chamonix Mont-Blanc, France <http://www.alpine-conference.org>

SMASH 2019 Small Molecule NMR Conference September 22-25, 2019, Porto, Portugal
<http://www.smashnmr.org/>

STORIES FROM THE WEB

- <https://www.sciencedaily.com/releases/2019/04/190424153514.htm>

This story shows how electron paramagnetic resonance can be used to assess the magnetic properties of crystals.

- <https://physicsworld.com/a/first-mri-guided-radiosurgery-achieved-near-implanted-defibrillator/>

Story on the first MRI-guided radiosurgery achieved near an implanted defibrillator. One can imagine this was a bit tricky!

- <https://www.biospace.com/article/releases/bruker-announces-world-s-first-superconducting-1-1-gigahertz-magnet-for-high-resolution-nmr-in-structural-biology/>

Bruker announces world's first superconducting 1.1 gigahertz magnet for high-resolution NMR in structural biology.