Recent Publications


- Foss, Clive, Schmidt, Phil, Donohue, John, Brewster, Doug and Sheard, Nick. Generating a Resource Estimate by Magnetic Field Inversion – a Study of the Hawsons Magnetite Deposit, NSW. 21st ASEG Conference & Exhibition, Sydney, August 2010


- Foss, Clive, Schmidt, Phillip. The Apparent Resultant Rotation Angle (ARRA) as a Statistic to Augment the Koenigsberger Ratio in the Study of Magnetic Field Anomalies Influenced by Remanent Magnetization. IUGG XXV, Melbourne, July 2011 (IAGA paper 3424).


• Schmidt, Phillip and Williams, George. Pre-Adelaidean palaeomagnetism for the Gawler Craton, South Australia: the Pandurra Formation and Blue Range Beds. ASEG, Canberra, July 2010.

• Schmidt, Phil, McEnroe, Suzanne, Robinson, Peter, Fabian, Karl, Gattacceca, Jérôme, Hankard, Fatim, Heidelbach, Florian. Magnetic moments of fine particles from micromagnetic surveys. 21st ASEG Conference & Exhibition, Sydney, August 2010 (Best Poster Award)


• Schmidt, Phillip, Foss, Clive. How well can a fold test be performed through interpretation of magnetic field data? IUGG XXV, Melbourne, July 2011 (IAGA paper 3420).


• Schmidt, Phillip and Williams, George (Invited). Ediacaran palaeomagnetism: TPW or APW? 34th International Geological Congress, Brisbane, August 2012, p. 2924.


• Schmidt, Phillip. What has the last five years of palaeomagnetism had to say about how the planet works? crystal-meth, ice-heads and diamonds. Macquarie University EPS Seminar – 11 October 2012

• Tetley, M.G., Williams, S. E., Müller, R. D., Schmidt, P. W., Musgrave, R. J., 2013. The Lachlan Orocline hypothesis: Magnetic analysis and development of a geologically constrained forward model of lithospheric magnetisation. ASEG-PESA 23rd International Geophysical Conference & Exhibition, Melbourne, Australia.

Collaborations

• McEnroe, Suzanne, Miyajima, Nobuyoshi, Robinson, Peter, Fabian, Karl, Schmidt, Phillip, Clark, Dave, Ballaran, Tiziana Boffa, Burton, Benjamin. Interfaces of Magnetite with Rhombohedra Fe-Ti Oxides:: Magnetite Exsolved from Synthetic Titanhematite (ilm 40), Magnetite and Natural Ilmenite. 12th Castle Meeting on Paleo, Rock and Environmental Magnetism, Castle of Nove Hrady, South Bohemia, Czech Republic, August 2010.


• Rajagopalan, Shanti, Schmidt, P.W. and D.A. Clark, 2011. Magnetic overprinting of the Brachina Formation/Ulupa Siltstone, Southern Adelaide Foldbelt, prior to Delamerian deformation. ASEG, Canberra, July 2010


• Tanjela, Rajat, and O’Neill, Craig, Schmidt, Phil, and Rushmer, Tracy. Constraining paleo-latitudes of rocks from Christmas Island. 34th International Geological Congress, Brisbane, August 2012, p. 4086.

• Thomas, Neil and Schmidt, Phillip. Palaeomagnetic evidence for the emplacement mechanism of enigmatic boulder deposits, New South Wales: evaluation of the Australian Megatsunami Hypothesis. 34th International Geological Congress, Brisbane, August 2012, p. 2114.


・Williams, George, Gostin, Victor, McKirdy, David, and Schmidt, Phillip. The mid-Ediacaran Acraman asteroid impact and ejecta blanket, South Australia: dimensions, palaeolatitude and environmental implications. 34th International Geological Congress, Brisbane, August 2012, p. 3122.