

# The 40th Anniversary of Olympic Dam Symposium

## DRAFT PROGRAM

*Please note that this program is subject to change*

Time	Speaker	Title
8.30-9.00	Opening	
9.00-10.00	Plenary - Professor Ken McClay (Royal Holloway University of London). Title TBC.	
10.10-10.30	Ehrig, Kathy	The Olympic Dam Fe-oxide Cu-U-Au-Ag deposit: 40 years since discovery
10.30-10.50	Kamenetsky, Vadim	The Olympic Dam Cu-U-Au-Ag ore deposit: towards a new genetic model
10.50-11.15	Morning Tea (and posters)	
11.15-11.35	McPhie, Jocelyn	Characteristics, origin and significance of Mesoproterozoic bedded clastic facies at the Olympic Dam Cu-U-Au-Ag deposit, South Australia
11.35-11.55	Cherry, Alex	Sedimentary facies within the Olympic Dam Breccia Complex: A potential metal source
11.55-12.15	Huang, Qiuyue	Petrology, geochemistry and geochronology of mafic lithologies at the Olympic Dam iron oxide Cu-U-Au-Ag deposit: implications for tectonic settings and ore-forming process
12.15-12.35	Clark, Jesse	Unravelling the Giant: Evidence for post-mineralisation modification of the Olympic Dam Cu-Au-U-Ag deposit, Gawler Craton, South Australia
12.35-13.35	Lunch (and posters)	
13.35-13.55	Kontonikas-Charos, Alkiviadis	Remobilisation of REE, Y and U during feldspar replacement reactions in IOCG systems: examples from the Olympic Cu-Au Province, South Australia
13.55-14.15	Krneta, Sasha	REY-signatures in apatite monitor the evolution of IOCG systems: examples from Olympic Dam and Acropolis, South Australia
14.15-14.35	Apukhtina, Olga	Distribution, petrology, geochemistry and geochronology of carbonate assemblages at the Olympic Dam deposit
14.35-14.55	Macmillan, Edeltraud	The evolution of uraninite, coffinite and brannerite at the Olympic Dam IOCG-U-Ag deposit – linking textural observations to compositional variability
14.55-15.25	Afternoon Tea (and posters)	
15.25-15.45	Ciobanu, Cristiana	Towards a suitable natural standard for routine U-Pb dating of iron oxides
15.45-16.00	Keyser, William	BIF-style iron deposits of the Middleback Ranges, South Australia: Trace element signatures of Fe-oxides and implications for ore formation
16.00-16.15	Ferguson, Matt	Iron and REE-bearing mineral assemblages in the rocks hosting the Olympic Dam and Wirrda Well IOCG deposits
16.15-16.30	Chapman, Nathan	The Pb-Isotopes of Olympic Dam and Beyond – The Uranium Story of the Gawler Craton
16.30-16.45	Rollog, Mark et al	Identification and characterisation of extremely low-concentration non-target components in copper ores and concentrates
16.30-17.30	Poster Session	