



2011 Parker Centre Science Day

Wednesday 16th November 2011
 Curtin University, Bentley Campus
 Building 213, Rob Riley Walk, Kent Street - Beazley Avenue Entrance

9.15	Welcome Prof Peter Lilly (Executive Director Curtin Institute of Minerals and Energy) Lecture Theatre 213:101	
9.20	Introductory Comments Jules Perkins (Chair Parker Centre)	
9.30	SME engagement with the Parker Centre	Graham Brock Direct Nickel Pty Ltd 213:101
	Location: Lecture Theatre 213:101	Location: Lecture Theatre 213:104
9.50	CHAIR: Matt Jeffrey-Newmont URANIUM Synthesis, characterisation and solubility of some uranyl vanadates and uranate minerals - <i>Adriana Sanchez</i> Student Presentation(S)	CHAIR: John Kildea-Nalco BASE METALS MARKET Core Capability project overview – Impacts of mineralogy on hydrometallurgy - <i>Jian Li</i>
10.10	GOLD MARKET Core Capability project overview - Breakthrough technologies in Gold hydrometallurgy - <i>Paul Breuer</i>	Ion exchange resin in base metal hydrometallurgy – past and future - <i>Patrick Littlejohn (S)</i>
10.30	Core Capability project overview – Modelling and mineralogical impacts in cyanidation - <i>Jim Kyle</i>	Core Capability project overview – Impurity rejection in nickel/zinc leach systems - <i>Aleks Nikoloski</i>
10.50	Morning Tea	
11.30	Fundamental investigations of SART for cyanide and copper recovery- <i>Andrew Simons (S)</i>	The passivation of iron in ammoniacal solutions containing Cu (II) ions- <i>Anna D'Aloya de Pinilla (S)</i>
11.50	Core Capability project overview – Environmental management in Au processing - <i>Paul Breuer</i>	Core Capability project overview – Current understanding of LIX63 – versatic 10 Synergistic solvent extraction - <i>Keith Barnard</i>
12.10	2011 MTEC Metallurgical Education Partnership – Gold metallurgy. A student perspective - <i>Joanne Leggerini (S)</i>	Modelling Metal Complexation in Solvent Extraction Systems - <i>Sergey Lunkov (S)</i>
12.30	Lunch	
1.30	AMIRA PROJECT P420D Practical Outcomes from 15 Years of Collaborative Gold Research – the AMIRA P420 Series - <i>Greg Wardell-Johnson</i>	CHAIR: Steve Rogers-Parker Centre Core Capability project overview - Biohydrometallurgy Microenvironments- <i>Elizabeth Watkin</i>
1.50	CHAIR: Alex Aboagye-Nalco ALUMINA MARKET Core Capability project overview – Solid Liquid Handling - <i>Phillip Fawell</i>	The proteomic response of <i>acidithiobacillus ferrooxidans</i> to high NaCl concentrations <i>Tim McCredden (S)</i>
2.10	The impact of desilication product on bauxite residue flocculation - <i>Alex Senaputra (S)</i>	Chemical Speciation of Oxovanadium ion with Simple Organic Ligands in Aqueous Solutions - <i>Nadira Batool (S)</i>
2.30	Core Capability project overview - Bayer Redside - <i>Peter Smith</i>	Effect of electrostatic fields on mass transfer in a modified Lewis cell - <i>Simon Assmann (S)</i>
2.50	Core Capability project overview – Bayer Whiteside - <i>Iztok Livk</i>	AMIRA PROJECT P843A Building a percolation leach from the ground up: development of geometallurgical indices for heap leaching - <i>Angus McFarlane</i>
3.10	Afternoon Tea	
3.30	Core Capability project overview – Bayer Impurities - <i>Allan Costine</i>	Determination of gold and copper deportment in ore bodies: A diagnostic leaching approach - <i>Chamika Don(S)</i>
3.50	Core Capability project overview - Bayer Environmental Issues - <i>Craig Klauber</i>	Electrodeposition of catalytically active lead-cobalt composites and their properties - <i>Maryam Barmi (S)</i>
4.10	AMIRA PROJECT P507C Reactivity of organic compounds in the Bayer process - <i>Kate Rowen</i>	AMIRA PROJECT P266F “You can lead a sponsor to water but ...”: experiences from the AMIRA P266F “Improving Thickeners Technology” project on technology and knowledge transfer <i>Phillip Fawell</i>
4.30	Presentation: 2011 Parker Centre Awards– Jules Perkins/Steve Rogers 213:101	
4.45	Social Function and Student Posters/Research Posters from recent Conferences	