

## The Chemistry and Physics of Extractive Metallurgy An Intensive One-Day Professional Development Course for Science Teachers

Murdoch University  
Friday 10 October, 2008: 8:45 – 4:00 pm  
Wine and Cheese Social 4:00 – 5:00 pm

**Award-Winning Program:  
CRCA Excellence in Education  
Innovation Award 2008**

### The short-course will allow you to:

- Broaden your understanding of the chemistry and physics of extractive metallurgy
- Acquire a variety of resources to use in your classroom
- Do hands-on laboratory experiments relevant to school chemistry and physics
- Electroplate gold from cyanide solution
- Experience the explosive reactivity of aluminium
- Work with molten metals at greater than 1000°C
- Learn of career opportunities for your students in minerals and metallurgy
- Discuss how extractive metallurgy fits into the WA Curriculum
- Network with academic and industry representatives
- Receive a professional development certificate of completion

Registration fees, lunch and the afternoon wine and cheese social are provided compliments of The Centre for sustainable Resource Processing and Murdoch University.

This course is presented as a collaborative venture between the Centre for Sustainable Resource Processing (CSRP) and Murdoch University Extractive Metallurgy. CSRP is one of Australia's Cooperative Research Centres and brings together a consortium of university and CSIRO researchers as well as global mineral processing companies for the purpose of adding value to Australia's mineral wealth in more environmentally friendly ways.

There is no registration fee and the tuition will be provided by the above listed sponsors for any teacher currently employed in a government or independent school in Australia. Since the emphasis will be on hands-on laboratory work, spaces are limited, so reserve your place now by contacting:

**Visit our website at [www.csrp.com.au](http://www.csrp.com.au)**

Dr Dan Churach  
Education Manager  
Centre for Sustainable Resource Processing  
26 Dick Perry Avenue Kensington WA 6151

Phone: 08 6436 8735  
Fax 08 6436 8557  
Email: [dan.churach@csrp.com.au](mailto:dan.churach@csrp.com.au)