

Provisional Timetable at 9th August
Subject to change

Monday August 25th

- 09.00 Opening Remarks
B.A. Wills (MEI, UK)
- 09.15 *Technical Session 1- Pyrometallurgy*
Chairmen: P. Hayes (University of Queensland, Australia) and J. Hoang (Ausmelt, Australia)
- 09.15 **Keynote Lecture- Towards zinc metal at McArthur River**
N.A Warner (Emeritus Professor, University of Birmingham, UK)
- 10.15 **Top submerged lancing (TSL) zinc processing**
J. Hoang, M. Reuter, R. Matuszewicz and S. Hughes (Ausmelt Ltd, Australia)
- 10.45 Coffee
- 11.45 **The role of slag chemistry in the design of freeze linings for zinc slag fuming**
E. Jak and P. Hayes (University of Queensland, Australia)
- 12.30 Lunch
- 14.00 *Technical Session 2- Flotation of lead-zinc ores*
Chairmen: A.E.C. Peres (UFMG, Brazil) and G. Harbort (GRD Minproc Ltd, Australia)
- 14.00 **Grinding electrochemistry – lead/zinc processing**
C.J. Greet and J. Kinal (Magotteaux Pty Ltd, Australia)
- 14.30 **Effect of high chrome grinding media on zinc depression in a lead cleaner circuit**
J. Kinal (Magotteaux Pty Ltd, Australia)
- 15.00 Coffee
- 15.45 **Effect of dispersion on the flotation of a lead-zinc sulphide ore**
M.O. Silvestre (Votorantim Metais Zinco, Brazil), C.A. Pereira (UFOP, Brazil), R. Galery and A.E.C. Peres (UFMG, Brazil)
- 16.15 **Online control size limit by modeling and optimization of grinding circuit to effect of Zn-Pb flotation recovery in Lakan factory**
A. Hajati (Arak Engineering and Technical Department of Science and Technology, Iran)

Tuesday August 26th

- 09.00 **Keynote Lecture- Improving zinc processing using computational fluid dynamics modelling**
M.P. Schwarz (CSIRO Minerals, Australia)
- 09.40 *Technical Session 3- Flotation of Zinc Ores*
Chairman: C.J. Greet (Magotteaux Pty Ltd, Australia)
- 09.40 **Role of dispersion on the flotation of an undeslimed oxide zinc ore**
L. Martins (Votorantim Metais, Brazil), C.A. Pereira (UFOP, Brazil), R. Galery and A.E.C. Peres (UFMG, Brazil)
- 10.10 **Effects of reagents on the selective flotation of smithsonite-quartz-calcite**
M. Irannajad et al (Amirkabir University of Technology, Iran)
- 10.40 **Alternative circuit for flotation of an oxide zinc ore**
M.R. Ferreira (Yamana, Brazil), C.A. Pereira (UFOP, Brazil), R. Galery and A.E.C. Peres (UFMG, Brazil)
- 11.10 Coffee
- 11.50 *Technical Session 4- Bio and Hydrometallurgy*
Chairmen: T. Wallmach (EXXARO, South Africa) and J. Siemon (Nyrstar Pty Ltd, Australia)
- 11.50 **Isolation and characterization of iron-oxidizing, leptospirillum-like bacterium, from Zirab coal mine, Iran, and evaluation of Bama sulfidic ore agitation leaching by this strain**
S.M. Meybodi, A.S. Nouhi (Islamic Azad University, Iran), N. Ghaemi (Tehran University, Iran) and M.M. Assadi (Iranian Research Organisation for Science & Technology, Iran)
- 12.20 **Zinc recovery from tailings using ammoniacal leaching**
P. Freeman (Norilsk Process Technology, Australia), M. Newman, J. Siemon (Nyrstar Pty Ltd, Australia), B. Willis (Aker Solutions, Australia) and P. Bode (Hatch Associates Pty Ltd, Australia)
- 12.50 **Zinc hyperaccumulation by *Gynura psedochina* (L) DC**
N. Panitlertumpai (King Mongkut's University, Thailand), B. Mongkhonsin, W. Nakbanpote and P. Jitto (Mahasarakham University, Thailand)
- 13.20 **The effect of zinc dust particle size distribution on optimizing of impurities cementation in zinc ammoniacal leaching solutions by Taguchi method**
J. Moghaddam (Sahand University of Technology, Iran) and R. Sarraf-Mamoory (Tarbiat Modarres University, Iran)
- 13.50 Lunch