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Monday 18th June

09.20  **Technical Session 1**
Chairmen: P. Thompson (FLSmidth, USA) and S. Neethling (Imperial College, UK)

09.20  **Keynote Lecture: Talvivaara Nickel Mine – from a project to a mine**  
M. Riekkola-Vanhanen (Talvivaara Mining Company Plc, Finland)

09.50  **Overview of FP7 ProMine European project – from geology to new mineral resources in Europe**  
P. d'Hugues (BRGM, France)

10.00  **Biohydrometallurgy – emerging partner of concentrators for processing low-grade and complex sulfides ores and expanding reserves**  
P. Thompson, W. Baum and K. Ausburn (FLSmidth, USA)

10.20  Coffee

11.10  **Why Zijinshan copper bioheapleaching plant works efficiently at low microbial activity – a study of leaching kinetics of copper sulfide and its implications**  
R.M. Ruan, G. Zou, S.P. Zhong, S.J. Zhao, B. Chan (Zijin Mining Group Co. Ltd, China) and D.Z. Wang (Central South University, China)

11.30  **A novel energy efficient process for the extraction of platinum group metals through a sequential stage high temperature heap bioleach and subsequent high temperature cyanide heap leach utilising solar heat**  
J.J. Eksteen (Lonmin, South Africa), J.M. Mwase, J. Petersen (University of Cape Town, South Africa), S.M. Bradshaw, N.Mpinga and C.A. Snyders (University of Stellenbosch, South Africa)

11.50  **Influence of Mg^{2+} on Column Bioleaching of Chalcopryite with Carrollite**  
Xue Liu, Jiankang Wen, BiaoWu and Shuang Liu (General Research Institute for Nonferrous Metals, China)

12.10  **Mesophilic bioleaching of chalcopryite concentrate mixed with limestone**  
Yuandong Liu, Guanzhou Qiu, Xueduan Liu and Xinxing Liu (Central South University, China)

14.00  **Technical Session 2**
Chairman: S. Hedrich (Bangor University, UK)

14.00  **The influence of Acidithiobacillus ferrooxidans and solution pH on galvanic assisted leaching of chalcopryite concentrates**  
Su Nee Tan, N.A.S. Webster and Miao Chen (CSIRO Process Science and Engineering, Australia)

14.20  **Effects of pH, temperature and solids loading on microbial community structure during batch culture on a polymetallic ore**  
H.R. Watling, D.M. Collinson (CSIRO Process Science and Engineering, Australia), D.W. Shiers (A.J. Parker Centre, Australia), C.G. Bryan and E.L.J. Watkin (Curtin University, Australia)

14.40  **Bioleaching of nickel sulphide out of nickel-bearing flotation residue**  
L.G.S. Sobral, F.H. Rodrigues, C.E.G. de Souza, D. M. de Oliveira (Centre for Mineral Technology, Brazil), A.S. Rocha and R.V. Cannomi (Votorantim Metais S.A., Brazil)
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P.R. Norris (University of Warwick, UK)

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