

GDR PROMETHEE – 3^{ème} Journée Scientifique

**« La biolixiviation, du processus au procédé,
de l'expérimentation à la modélisation »**

10 Octobre 2018 – BRGM, Orléans

8h30-9h00 Welcome, Coffee

9h00-9h10 Introduction (P. d'Hugues, BRGM)

Keynotes

9h10-9h40 A. Schippers (Federal Institute for Geosciences and Natural Resources, Germany) « Biomining fundamentals »

9h40-10h10 J. Petersen (University of Cape Town, South Africa) « Bioleaching process modeling »

10h10-10h40 D. Dew (Dewality, UK) « Industrial applications of bioleaching processes »

10h40-11h00 Coffee break, posters

Technical presentations

11h00-11h20 A. Archane (Milton Roy Europe) « A new concept of low duty bioreactor to improve bioleaching economy »

11h20-11h40 A.G. Guezennec (BRGM) « Importance of gas mass transfer in bioleaching processes »

11h40-12h00 E. Olmos (LRGP - Université de Lorraine) « Hydrodynamic modeling of bioleaching reactors »

12h00-12h20 A. Hubau (Chimie Paris) « Bioleaching applied to the recovery of metals contained in E-wastes »

12h20-12h40 L. Filipov (Géoressources -Université de Lorraine) « The BioMore project: extracting metals from deep mineralized ores using bioleaching »

12h40-13h00 P. Cézac (LATEP - Université de Pau) « Contribution of geochemical modeling to the optimisation of bioleaching processes »

13h00-14h30 Lunch

Panels

14h30-15h10 Panel 1 : « Biohydrometallurgy : Pros and Cons as a technical option for extractive metallurgy »

15h10-15h50 Panel 2 : « Bioleaching reactors optimisation »

15h50-16h05 Coffee break, posters

16h05-16h45 Panel 3: « Bioleaching and Urban Mine: perspectives for metal recycling »

16h45-17h00 Closing