

Workshop Sulfures Volatils Acides Acid Volatile Sulfides (AVS) Vendredi 20 Mai 2016

OSUG D, Salle du Conseil, 1^{er} étage
122, rue de la Piscine 38400 SAINT MARTIN D'HERES
Tram line : B, stop: Gabriel Fauré or Les Taillées



Program

9:15-10:15 **David Rickard (Cardiff University, Invited speaker)**

Acid Volatile Sulfides.

10:15-10:45 **Alejandro Fernandez-Martinez (ISTerre, CNRS & UGA)**

Structural characteristics and reactivity of metal sulfides.

10:45-11:00 Coffee break

11:00-11:45 **Guillaume Morin (IMPMC, CNRS & UPMC, Invited speaker)**

Redox cycling of iron and nickel rich sulfides in mangroves sediments from New Caledonia.

11:45-12:15 **Laurent Charlet (ISTerre, UGA)**

Mackinawite Reactivity.

Lunch

13:30-14:30 **Marieke De Lange (Wageningen University, Invited speaker)**

How dynamics of AVS in freshwater sediments may influence the ecotoxicological effects of metals on benthic organisms.

14:30-15:00 **André Revil (ISTerre, CNRS & Univ. Savoie)**

Induced polarization spectroscopy of rocks with and without semi-conductors.

15:00-15:30 **Delphine Tisserand (ISTerre, CNRS, UGA)**

A miniaturized and transportable system for AVS quantification.

15:30-16:00 General discussion