Offres de stages 2014 - M1 et M2

Méthodologie / Modélisation

- Dating kaolinites from laterites with electron paramagnetic resonance spectroscopy (IMPMC, Univ Montpellier) - **M2**
- Quantitative and spatial analysis of the perturbations at clay/cement interfaces - IC2MP (UPMC , Paris) - **M2**
- The novelty of this scheme is that it is based on mapping methods, which are theoretically applicable at the field sample scale or thin section scale - IC2MP (univ Poitiers) - **M2**
- Numerical modelling of the transformation of clay minerals under hydrothermal conditions - LHYGES - UMR 7517 (Univ Strasbourg et CNRS) - **M2**

Systèmes géologiques

- Clay mineralogical evolution induced by plant activity and potassium uptake - ISTerre - **M2**
- Incorporation of V, Mo, and Co in the structure of disordered lamellar Mn oxides: Crystal chemistry and environmental implications - ISTerre - **M2**
- Signature argileuse de zones d'instabilités sédimentaires dans le bassin de Ainsa (Pyrénées espagnoles) - IC2MP (Univ Poitiers) - **M1 et M2**
- Investigating the mineralogy and the history of the black clays of the Hydrogeological Experimental Site of Poitiers - IC2MP (Univ Poitiers) - **M2**
- Early Diagenesis and archivage of ocean and atmosphere chemistry in the Palaeoproterozoic old rocks in Gabon (2.1 Billion years ago). Multi-proxies analyses - IC2MP (Univ Poitiers) - **M1 et M2**
- Etude des sédiments océaniques de la plaque Cocos - Laboratoire Chrono-environnement, Université de Franche-Comté (Besançon) - **M1 et M2**
- Interactions eau-roche et comportement des minéraux argileux au niveau d'une zone de chevauchement dans les Pyrénées - Laboratoire Chrono-environnement, Université de Franche-Comté (Besançon) - **M1 et M2**
- Sorption properties of beidelittic mineral for major inorganic elements - IC2MP (Univ Poitiers) - **M1**

Génie Civil

- Clay-rich sands used in bituminous pavement before or after lime treatment - IFSTTAR - **M2**
- Sustainability and implementation of the Soil-Mixing material - IFSTTAR - **M2**
- Caractérisation en laboratoire de l'érodabilité des sédiments et sols fins -Mise au point d'un essai d'érosion de roue - IFSTTAR - **M2**

Géomatériaux

- Influence of some additives on cement hydration - IFSTTAR/IMN - LCR LAFARGE (Nantes) - **M2**
- Intercalation des kaolinites par de l'urée et application à la fabrication des céramiques silicatées - ENSCI (Limoges) - **M1 et M2**
- Study of the behavior of clay materials under irradiation - SISMM - CNRS/CEA SIS2M (Gif-sur-Yvette) - **M2**
- Study of green earth in cultural heritage - Etude des terres vertes utilisées comme pigments sur les œuvres patrimoniales - CINAM (Marseilles) - **M1 et M2**
- Green marbles degradation : Raman mapping of serpentines structures - CINAM (Marseilles) - **M2**

Nanomatériaux

- Liquid-crystalline phase behaviour of inorganic metal-oxide imogolite nanotubes - LPS (Paris) - **M2**
- Synthesis and characterization of oxide nanoclusters supported onto reduced graphene oxide substrate IC2MP (Univ Poitiers) - **M1 et M2**
- Finding the mineralogical key-parameters of kaolinite when used to produced cordierite for automotive catalyst support - IMERYS (Limoges) - **M2**
- Zeolites and fine Chemistry : biomass application - IC2MP (Poitiers) - **M1 et M2**