



UMR CNRS 7285
Équipe HydrASA (Hydrogéologie, Argiles, Sols et Altérations)
ENSI Poitiers
Université de Poitiers
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The IC2MP (Institute of Chemistry of Poitiers: Materials and Natural Resources) has an opening for a permanent position as full professor at the University of Poitiers (France), beginning fall 2016.

The IC2MP (Institute of Chemistry of Poitiers: Materials and Natural Resources) is a multidisciplinary research institute established in 2012, specialized in the study of materials (clays, catalysts, ...), natural environment (water, soil, ...), and reactions (natural or caused). The successful candidate will be a member of the HydrASA team of IC2MP (HydrASA: Hydrogeologie, Argiles, Sols et Alterations), which is engaged in research in the areas of clays, soils, alterations and their geological and environmental aspects. In order to study all the processes involved in these geological systems, an interdisciplinary strategy is promoted: geologists, hydrogeologists, geochemists and geomechanicians of the HydrASA team interact each other in the same interdisciplinary projects. The geomechanicians of the HydrASA team attempt to seek a fundamental understanding of the relationships between macroscopic geomechanical parameters and microstructures in clayey geomaterials.

Teaching responsibilities:

The candidate's teaching responsibilities will include graduate courses within the Department of Water & Civil Engineering of the Faculty of Engineering (Ecole Nationale Supérieure d'Ingenieurs de Poitiers) at the University of Poitiers. The successful candidate will be responsible to teach all fundamental aspects related to geomaterials (soil and rocks): identification (including index properties and classification tests), compressibility/consolidation and mechanical properties (including mechanical tests), soil and rock exploration.

Teaching in French is mandatory.

Research responsibilities:

The successful candidate will be expected to develop a research strategic program in geomechanics related to clayey geomaterials (soils or/and rocks) and their geotechnical aspects.

The applicant will be committed to collaborate with the colleagues of HydrASA team and will be able to take management responsibilities at very short term.

Please submit an electronic version of your CV, the names of 2-3 references that may be contacted regarding your application and a cover letter. Please address your materials to Prof. Philippe COSENZA, Head of HydrASA team (philippe.cosenza@univ-poitiers.fr).