







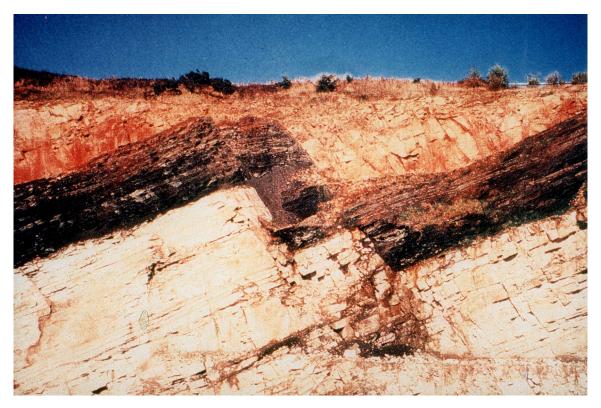
Jeudi 17 janvier 2008 salle 001, 18.00 h.

13, rue des Maraîchers, 1205 Genève

The Structure, Content and Growth of Fault Zones within Sedimentary Sequences (and the implication for the sealing of Hydrocarbons)

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This talk outlines the main characteristics of fault zones developed within a broad range of host rock sequences and at different deformation conditions. High quality outcrop constraints illustrate how the combined effect of host rock rheology and prevailing deformation processes is capable of generating the full range of fault rock types, including those which have a major impact on hydrocarbon flow, such as shale/clay smears through to shaley faults. Despite the inherent complexities of fault zones, new approaches are briefly described which are capable of incorporationg the effects of faults in both hydrocarbon exploration and production models.