

G-604 Advanced Petroleum Geology

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I teach this course jointly with Dr. Mohamed Afife. In my portion I aim to furnish the student with some basic knowledge about kerogen/palynofacies analysis. This done through both lecture and lab sessions, in which the student gets to know about the basic kerogen extraction technique from sedimentary rock samples; the different types of kerogen particles; the basic kerogen classification and how it is linked to hydrocarbon source rock types; in addition to the estimation of organic thermal maturity based on the variation in palynomorph exine colors.