



MASTER CLASS

“Terrestrially-Derived Fossil Palynoflora: Subsurface Application to Petroleum Geology”

July 10-14, 2017

Florence, Italy

Course Instructors:

**Adele Bertini, Timme Donders, Guy Harrington,
Carlos Jaramillo, Gunn Mangerud, Robert Morley,
David Pocknall, Mercedes Pramparo, Mike Stephenson,
Jim Riding, Paul Strother, Roel Verreusel**

Course Organizers:

Adele Bertini, Peter Bilj, Thomas Demchuk, Timme Donders

Course Outline:

- General Pollen/Spore Morphology and Taxonomy, Concepts and Applications
- Paleozoic-Mesozoic-Cenozoic Spore Chronostratigraphy and Paleoecology
Special focus on Middle East, Southern Hemisphere, N.W. Europe, West Africa, Southeast Asia, North and South America
- Quaternary and Holocene Palynostratigraphy and Paleoecology

The Aims and Deliverables of the Class will be:

- To provide instruction on basic pollen/spore/algal taxonomy as an aid in identifying and classifying varied terrestrially-derived palynoflora
- To provide a general background into terrestrial palynomorph morphology, taxonomy, chronostratigraphy, paleoecology and paleoclimate through the Phanerozoic
- To provide case studies of standard and innovative industrial applications of terrestrially-derived pollen/spore/algae to subsurface problem solving, including calibration to sequence stratigraphic modeling
Middle East-Paleozoic: Southeast Asia-Cenozoic: West Africa-Neogene
- Each topic and lectures will be accompanied by microscope workshops
- A fieldtrip is being planned but is not yet finalized
- Anticipated Course Fees: Students €350, Academic/Consultant €650, Industry €1000

For additional information and interest in attending this Class please contact:

Thomas Demchuk at tdemchuk@swbell.net