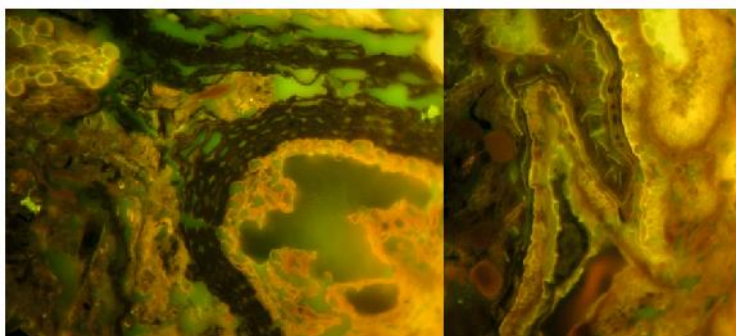




## 14<sup>th</sup> ICCP Training Course – General Organic Petrology Patras, October 24 – 28, 2022



### 1. Introduction

The International Committee for Coal and Organic Petrology (ICCP), in conjunction with the Department of Geology, University of Patras, is pleased to announce a training course in **general organic petrology** to be held in Patras, Greece between 24-28<sup>th</sup> October 2022.

The course is designed for professionals and students, and is not exclusively targeting organic petrologists but also those, who rather deal with petrographic data.

Instructors will be Dr Walter Pickel and Dr Stavros Kalaitzidis.

### 2. Course outline

The course will be held daily (24-27<sup>th</sup> October) from 9:00 a.m. until 5:00 p.m., with breaks for morning and afternoon coffee/tea, and lunch.

#### Theory:

Coal and other organic sediments genesis (geology, petrology and geochemistry), composition, type, rank/maturity and rank parameters.

Petrographic analyses: fundamentals of the optical microscope and sample preparation, maceral and microlithotype analyses, vitrinite reflectance analysis and the use of fluorescence mode.

Basic factors controlling quality and technological behaviour of coal, oil shales, source rocks. Overview of industrial and environmental applications of organic petrology.

#### Practical:

Practical exercises constitute a significant part of the course. They include macroscopic and microscopic characterisation of components of fossil and modern particulate organic matter, their quantification and the assessment and the interpretation of data.

The exercises will be held on microscopic identification of fossil organic matter components, point-counting analysis, reflectance analysis, the use of fluorescence mode on various samples of different type and rank/maturity and grade. For this

purpose, images of pre-scanned samples on screen with the group or on the participant's individual laptops will be used – Windows only. Analysis software will be provided to the participants.

A practical session on the use of an incident light microscope will be held with at a research microscope.

**Field Trip:** A one-day field trip is scheduled for Friday, 28<sup>th</sup> October to visit the active mire of Keri on Zakynthos Island. More details will follow after registration.

### 3. Registration and fees

Costs for the course include course notes, lunches and coffee-breaks. Cost for the course excludes travel, accommodation and meals other than during the course. The number of participants is limited to 20.

**Registration is now available.**

Due date for registration and payment is **August 30th, 2022**. A detailed outline of the course will be available on the website closer to the course.

Company / Professional 1300 €

Government / Non-Profit 750 €

Student 250 €

Pay either by Bank Transfer to:

Bank Name: Commonwealth Bank of Australia  
Address: 48 Martin Place, Sydney, NSW 2000, Australia  
Account Name: International Committee for Coal and Organic Petrology  
BSB: 064107  
Account Number: 10409339  
Swift Code: CTBAAU2S

**Reference: your surname and 14th ICCP Course.**

Or Contact ICCP's Treasurer Dr. Joan Esterle [j.esterle@uq.edu.au](mailto:j.esterle@uq.edu.au) for Credit card payments. Receipt will be sent upon payment.

### 4. Accommodation

Participants will have to arrange their own accommodation. However, the organizers arranged special prices with the following Hotels:

- Castello Hotel (<https://www.castellohotel.gr/>) in walking distance to the Venue (single 59 Euros, double 75 Euros plus 1.5 Euros Tax; please quote code ICCP).
- Astir Hotel (<http://www.hotelastirpatras.gr/patras-hotel/index.html>), in city center (single 55 Euros, double 58 Euros, Triple 78 Euros, plus 3.0 Euros Tax; please quote code ICCP).

- Moxy Patra Marina (<https://moxy-hotels.marriott.com/reservations@moxypatra.com>) in city center (please quote code ICCP).

For any assistance please contact Dr. Stavros Kalaitzidis ([skalait@upatras.gr](mailto:skalait@upatras.gr)).

## 5. Venue

### [Conference and Cultural Centre, University of Patras](#)

University Campus, 26504Rio-Patras

Please note the University Campus is located about 7 km from the city center. There are regular buses and the cost of a taxi is about 8 Euros one way (about 15-20 min drive).

## 6. Trainers

### **Dr. Walter Pickel**

Walter Pickel received his PhD from the Rheinisch Westfälische Technische Hochschule (RWTH) Aachen, Germany in 1991. He taught and worked at RWTH from 1987 until 1998. Afterwards he joined CSIRO Petroleum in Sydney, Australia as a senior research scientist. In 2003 he joined Harold Read & Associates and co-founded Coal & Organic Petrology Services P/L in Sydney in 2004, a company of which he was the managing director.



He is now the owner and director of this company, trading as Organic Petrology Services P/L. His company applies organic petrology to conventional and unconventional gas exploration, petroleum exploration, metallurgical coal exploration and quality assessment, fossil fuel contamination in environmental samples. Apart from teaching at Aachen University, he has been giving classes and workshops at Cologne University, in Chile, Indonesia, Iran and Australia. He is author/co-author of some 80 reviewed papers and abstracts. He is a member of the ICCP since 1991.

### **Dr. Stavros Kalaitzidis**

Stavros Kalaitzidis received his Ph.D. degree in the scientific field of "Peatlands and Peatification Processes" from the Department of Geology, University of Patras, Greece, in 2007. As postgraduate student he worked in several research programmes at the University of Patras in collaboration with Universities and Institutions in Germany, UK, and The Netherlands, but also for the Greek Institute of Geology and Mineral Exploration (IGME), and the Institute for Solid Fuels Technology and Applications (ISFTA) in Athens.



From 2008 to 2014 he served in various positions in the Australian mining industry, initially in the exploration and mining sectors of BHP Billiton, and later as Senior Geologist at Integral Resource Consulting Ltd. based in Brisbane, Queensland. Currently he holds an Associate Professor position in the field of Economic Geology at the University of Patras. He is a member of the ICCP since 1999.

For further Information

[https://www.iccop.org/course/14th-iccp-course-general-coal-and-organic-petrology-patras\\_2022/](https://www.iccop.org/course/14th-iccp-course-general-coal-and-organic-petrology-patras_2022/)

or please contact

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or

Dr. Walter Pickel at [walter.pickel@organicpetrology.com](mailto:walter.pickel@organicpetrology.com)

or Dr. Stavros Kalaitzidis [skalait@upatras.gr](mailto:skalait@upatras.gr)



## Useful Maps

### University Campus



### Venue Map

