

INTERNATIONAL COMMITTEE FOR COAL AND ORGANIC PETROLOGY



**NEW METHODOLOGIES AND TECHNIQUES
IN ORGANIC PETROLOGY**

White Paper

Edited by Lila W. Gurba

Dedicated to the Memory of

Dr Marlies Teichmüller and Dr Alexander Rankin Cameron



Copenhagen, Denmark, August, 2001

INTRODUCTION

A working group on “New Methodologies and Techniques in Organic Petrology” was established within Commission I at the 52nd ICCP meeting in Rio de Janeiro, August 2000.

The Working Group was set up to review new methods and techniques that may be of assistance in advancing the science of coal petrology, to familiarise ICCP members with the principles and operation of these techniques, and to indicate to members their application in coal petrology studies. The main objective of the group is to review new methods and techniques that can be applied to Coal and Organic Petrology, including the elemental and organic chemistry of coal macerals, the nature of coal minerals, maturation studies, coal-combustion problems and environmental issues.

The White Paper gives the opportunity to publicize the research and give information about recent international progress in individual research fields. The first version of the White Paper, with several contributions, was presented at the 53rd ICCP meeting in Copenhagen, Denmark, August 2001. It is clear from these papers that there has been increased progress in the different fields of organic petrology.

As the first action of the Working Group, presentations were given at the 2000 meeting in Rio de Janeiro on confocal laser scanning fluorescence microscopy by Lavern Stasiuk and fluorescence alteration of multiple macerals (FAMM) by Walter Pickel. Invited Speakers gave short presentations at the meeting in Copenhagen, and others will be invited for forthcoming ICCP meetings. For the 2001 meeting in Copenhagen a series of presentations were given on topics related to many aspects of organic matter/mineral matter interactions in coal by Petra David, Miryam Glikson and Colin Ward.

I would like to thank all those who contributed to the present issue of the White Paper, which is still open for further contributions.

The White Paper will be available to ICCP members on CD-ROM, and as a pdf. file on the ICCP home page.

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