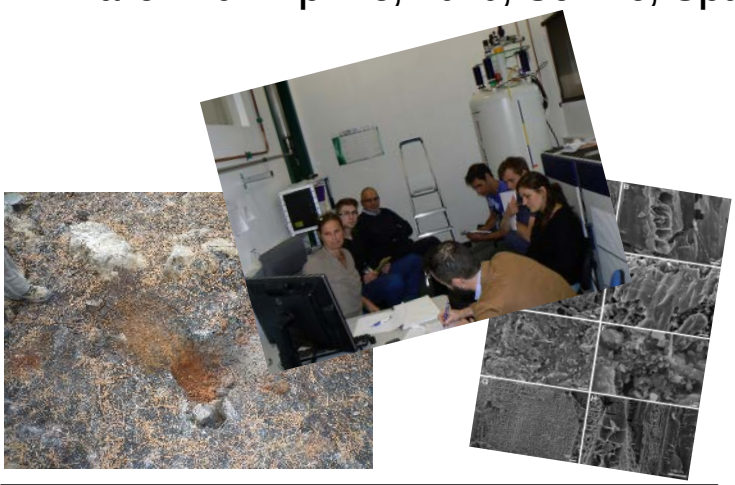
1rd European Firelinks Training School

"What does fire to Soil Organic Matter? Chemical and physical characterization of pyrogenic organic matter and its impact on soil functions"

March 29 - April 3, 2020, Seville, Spain

Organized by:
Heike Knicker,
IRNAS-CSIC Seville, Spa



Vegetation fires are part of our world since geological times. Although they are devastating, they offer changes for renewal of ecological systems and landscapes. Emitting huge amounts of greenhouse gases, charcoal residues can – after their incorporated into the soils - increase the C-sequestration potential of soils. These are only a few of the many contradicting aspects of vegetation fires that have to be understood for a comprehensive analysis of the impact of fire in a world affected by global change.

As a start, the intention of the present course is to discuss the effects on fire on the system "soil" and to obtain insights into some powerful analytical tool presently available for its characterization.

Based on this, ***the objective*** of this training course is the introduction of PhD students and post-Docs

i) into typical methods for characterizing soil properties and soil microbial activities
ii) into modern analytical tools such as spectroscopic (NMR; FTIR, IRMS) or microscopic techniques (TEM, NMR-micro imaging)

both within lectures given by experts and practical work in the lab and in the field.

Important deadlines:

15/02/2020:	Abstract submission
22/02/2020:	Notification of Acceptance
15/03/2020:	Deadline for payment

Registration Fee: 120 €

(covers participation, course material and lunch)

The Firelinks COST Action provides scholarships for excellent young researchers. The awardees will be selected based on their abstract and the CV.

Maximal participation: 25

Application procedure:

Please send the application with
- your curriculum vitae (CV) and
- an abstract (1 page, 12 pt) explaining:

a) Why do you want to participate?
b) What do you expect to get out?
c) How will you use the information and experience that you gain?

to: *cost.summerschool@gmail.com*

At the meeting the own research shall be presented within a 20 min- talk