

## Accommodation

Accommodation is available in one of the many hotels close to the city center as well as in guest houses, hostels etc. Further information and additional recommendations can be found on:

<http://www.leipzig.travel>

## Further information

Check information at [www.bodenkunde.uni-trier.de](http://www.bodenkunde.uni-trier.de)

Click on the button **Workshop SOMmic**

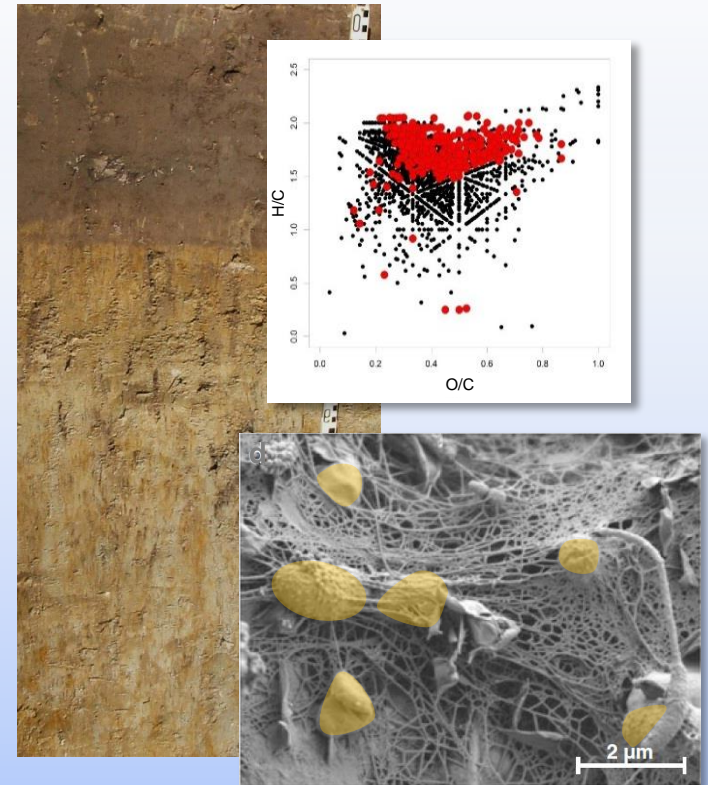
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# SOMmic



## Microbial Contribution and Impact on Soil Organic Matter, Structure and Genesis

9<sup>th</sup> – 11<sup>th</sup> November 2016

Helmholtz Centre for Environmental Research – UFZ, Leipzig

## Contents and aims

There is increasing evidence that microbial bio- and necromass are significant parts of SOM, interacting with soil minerals. The control of SOM forming processes via microbial activity and community dynamics in dependence on biodiversity and functional redundancy is largely unknown. Omics technologies and chemical analysis of complex mixtures, multi-isotope approaches and imaging techniques offer new research opportunities. Also latest modelling approaches, e.g. in systems ecology and environmental thermodynamics, open up new vistas to study the outlined topic. We invite presentations on **recent findings**, **methodological challenges**, and **innovative concepts** to the workshop and expect inspiring discussion.

## Workshop structure and invited speaker

From Wednesday, Nov. 9, 1 pm until Friday, Nov. 11, 12 am, we will have five sessions and five keynote speakers:

- **Significant boundary conditions, micro-habitats and micro-habitat properties, processes of succession, and systems fluctuations - what can we learn from the marine microbial pump concept?**

Keynote: Joshua P. Schimel, Univ. of Santa Barbara

- **Who are the relevant actors and drivers and in which micro-habitats or „hot spots“ do they appear?**

Keynote: Teri Balser, Curtin University, Perth

- **Molecular processes and components interacting with SOM and soil minerals - turnover steady state or residual 'inert' material?**

Keynote: Markus Kleber, Oregon State University

- **What is the contribution of methods and modelling approaches from systems biology/ecology to understanding SOM in the soil system?**

Keynote: Mary Firestone, Univ. of California, Berkeley

- **Modelling approaches for the integration of process components.**

Keynote: Claire Chenu, Centre AgroParisTech, Paris/Grignon

## Organising committee

Matthias Kästner (UFZ, Leipzig)

Sören Thiele-Bruhn (Universität Trier)

Karin Frank (Universität Osnabrück)

Georg Guggenberger (Leibniz Universität Hannover)

Liliane Ruess (Humboldt Universität zu Berlin)

Gabriele E. Schaumann (Universität Koblenz-Landau)

Christoph C. Tebbe (Thünen Institut für Biodiversität)



## Workshop venue

The workshop will be held at Leipziger KUBUS convention center of the Helmholtz Centre for Environmental Research – UFZ at Leipzig. The city is well known for historic personalities such as J.S. Bach, F. Mendelsohn, M. Luther, J.W. von Goethe and F. Schiller. Nowadays it offers cultural highlights in music, arts and science, historical buildings and shopping passages, restaurants and leisure.

On Wednesday evening you will have the opportunity to enjoy a **conference dinner** with us at the historic Moritzbastei (Price not included).



## Instructions for abstracts

We invite you to submit abstracts for platform or poster presentations.

Abstracts should be mailed as text file or Word file to the email address:

[boden@uni-trier.de](mailto:boden@uni-trier.de)

## Formatting information:

A template can be downloaded from [www.bodenkunde.uni-trier.de](http://www.bodenkunde.uni-trier.de)

Click on the button *Workshop SOMmic*

## Conference fees

The workshop fees cover the participation at the conference and include lunch and coffee breaks during the workshop.

Rate	before 1 <sup>st</sup> October	after 1 <sup>st</sup> October
Regular	90 €	130 €
Reduced ( <i>students</i> )	70 €	120 €

## Keep the Date

- 31<sup>st</sup> August:** Deadline for abstract submission  
**15<sup>th</sup> September:** Notification of acceptance  
**1<sup>st</sup> October:** Deadline for early bird registration