

General Assembly 2009 (EGU2009), 19 Apr 2009 - 24 Apr 2009, Vienna, Austria.
<http://meetingorganizer.copernicus.org/EGU2009/sessionprogramme/BG#BG7>

BG7.1 Traces of life from cells to planets

Sponsored by ESF ArchEnviron

Convener: Emmanuelle Javaux (university of Liège, Belgium)

Co-Conveners: Andrey Bekker (Univ Manitoba, Canada) , Kevin Lepot (university of Liège, Belgium)

The search for life in early Earth rocks and beyond Earth requires the characterization of biosignatures. Under what conditions do cells with varying biochemical properties preserve? How do processes of decay and preservation retain, obliterate or alter original biological properties? How can we tell biological from non-biological? At a global scale, what are the consequences of early life diversification on planet Earth? How would Earth be like without life? To address these questions about traces of life from the cellular to the planetary scale, we welcome contributions about morphological, chemical, isotopic signatures of life in various past and modern environmental conditions, as well as potential abiotic signatures that mimic biological processes.

The deadline for the receipt of Abstracts is 13 Jan 2009. In case that you would like to apply for a support, please submit not later than 07 Dec 2008.

Further information about the EGU General Assembly 2009 can be found at:
<http://meetings.copernicus.org/egu2009>

we hope to see you in Vienna!

best regards

Emmanuelle Javaux
Andrey Bekker
Kevin Lepot