



# CPC-2014

## Announcement



### Field Meeting on Carboniferous and Permian Non-Marine – Marine Correlation 21 – 27 July 2014, Freiberg, Germany

#### Objectives

A look at the current *International Geological Time Scale* shows that nearly all marine stage boundaries of the Carboniferous and the Permian are ratified or will be ratified in the very near future. But nearly nothing is known about the correlation of the system and stage boundaries into the vast continental deposits on the CP Earth. However, the Late Carboniferous and Permian was a time of extreme continentality because of an exceptional low sea level in Earth's history, comparable only to the Pleistocene and post-Pleistocene modern world. Of the two largest components of the Palaeozoic supercontinent Pangea, Gondwana covered an area of about 73 million km<sup>2</sup>, but was capped by epi-continental seas for only about 15%, while Laurasia had about 65 million km<sup>2</sup> and about 25% coverage by epi-continental seas. This means that most of the preserved deposits of this time with many economically interesting resources (mainly of natural gas, salt and other minerals) are in continental successions. It was the time of full terrestrialisation of life and the time when by the end of the Middle and the Late Permian the most severe mass extinction occurs in both the marine and terrestrial ecosystems. To understand the processes and their interrelations in the geo- and biosphere of this time, we need an exact stratigraphic control and an exact correlation of marine and non-marine deposits. Consequently, there is an urgent need to focus future activities of both the subcommissions on marine – non-marine correlation. Therefore, last year, during the *International meeting on the Carboniferous and Permian Transition* in Albuquerque, New Mexico, the chairs of the Subcommissions on Carboniferous and on Permian Stratigraphy, Barry Richards and Shuzhong Shen, agreed to organize a joint working group on the global correlation between Carboniferous and Permian marine and non-marine deposits. As the kick-off for this working group, a **Field Meeting on Carboniferous and Permian Non-Marine – Marine Correlation** will be held at the TU Bergakademie Freiberg in Germany from July 21 to July 27, 2014.

#### Topics

The aim of the meeting is to bring together all colleagues who are interested in the correlation of Carboniferous, Permian and Early Triassic continental deposits with the global marine scale. The subject of the meeting will be the use of any and all correlative age-relevant data from marine and non-marine deposits for the solution of the above mentioned problem. In particular, the workers from the various continental basins are asked to promote their detailed local and regional knowledge toward our global aims. Reports about methods, results and perspectives of non-marine as well as non-marine – marine intra-basinal and inter-basinal correlation as well as of global correlation are requested. First of all, we will use the meeting to develop cooperative

research projects for the solution central problems, which are suited to raise funds from various national and international sources for the realisation of our aims.

## **Program**

July 20, 2014 arrival in Freiberg, icebreaker

July 21 to July 22, 2014: Scientific Sessions

July 23 to July 27, 2014: 5 days field excursion to the most important Carboniferous and Permian outcrops in East Germany and the Czech Republic, including Permian-Triassic transitional profiles.

The meeting will be accompanied by a *SPS* business meeting as well as by a meeting of the *Sino-German Cooperation Group on Late Palaeozoic Palaeobiology, Stratigraphy and Geochemistry*.

## **Organizers**

Jörg W. Schneider: Joerg.Schneider@geo.tu-freiberg.de

Spencer G. Lucas: spencer.lucas@state.nm.us

Olaf Elicki: Olaf.Elicki@geo.tu-freiberg.de

## **Scientific organizing committee**

Shuzhong Shen (China, Chairman of the Subcommittee on Permian Stratigraphy), Barry Richards (USA, Chairman of the Subcommittee on Carboniferous Stratigraphy), Lucia Angiolini (Italy, Secretary of the Subcommittee on Permian Stratigraphy), Manfred Menning (Chairman of the German Commission on Stratigraphy), Hans Kerp (Germany, Co-leader of the Sino-German cooperation project), Ralf Werneburg (Germany), Sebastian Voigt (Germany), Ronny Rößler (Germany), Stanislav Oblustil (Czech Republic), Ausonio Ronchi (Italy; voting member SPS), Hafid Saber (Morocco), Valery Golubev (Russia)

## **Local organizers**

Frank Scholze and Frederik Spindler (Freiberg / Germany), Karel Martinek and Richard Lojka (Prague / Czech Republic)

## **Registration fee**

Meeting registration fee will cover costs of reception, coffee and tea breaks, and lunch during the scientific sessions and conference materials. Field-excursion fee will cover costs of transportation, accommodation, packed lunches, and guidebook. Participants are required to pay registration fees by bank transfer up to May, 1<sup>st</sup>, 2014 (see address below and the attached payment form). After this date, it will be possible to pay the registration fees at the meeting registration desk with a supplementary surcharge.

Fee for the scientific session in Freiberg (20.07. – 22.07.2014):	60.00 €
Excursion fee East Germany – Czech Republic (23.07. – 27.07.2014):	360.00 €

## **Registration**

- pre-registration:	01.04.2014
- registration deadline and payment of fees:	01.05.2014

## Accommodation

### Hotel reservation in Freiberg for 20. –23.7.2014, has to be arranged by yourself!

We have option for accommodation (pre-reservation) with special discount at four-star *Hotel Kreller* (<http://www.hotel-kreller.de>, Fischerstrasse 5, D-09599 Freiberg: kontakt@hotel-kreller.de, booking code: Prof. Schneider)

- double-room: 70 € (15 pre-reserved but more are possible)
- single-room: 55 € (5 pre-reserved)
- pre-reservation deadline: 30 May 2014
- e-mail: kontakt@hotel-kreller.de Code Name: Prof. Schneider  
(room payment is not included in the meeting fee)

## Excursion programm (preliminary, details follow in the first circular)

**23. – 24.7.2014 Czech Republic** – classical outcrops of the Central European continental Late Carboniferous and Early Permian in the well studied Krkonose Piedmont basin and Bohemian basin: basin development, palaeoclimate and fossil content of Late Westphalian (Moscovian) to early Permian (Asselian–Artinskian) continental gray and red beds.

**25.- 27.7.2014 Germany** – classical outcrops of the Central European Late Carboniferous and Permian as well as the Early Triassic of the Thuringian basin and the Thuringian Forest Mountains: Late Carboniferous (Stephanian, Gzhelian) to Late Permian and earliest Triassic (Lopingian to Induan, Zechstein, Bunter with the prognostic PT-boundary in a fossiliferous continental sabkha-playa transition), classical outcrops of the Saale basin in Saxony-Anhalt, continental fossiliferous gray and red beds of late Carboniferous (Gzhelian) to Late Permian Lopingian.

## Abstracts / Publications

Abstracts of oral or poster presentation are welcome. Please indicate your preference when submitting. Abstracts, please, submit by e-mail (attached file in Word format) to: Joerg.Schneider@geo.tu-freiberg.de. Deadline for submission is May, 1<sup>st</sup>, 2014. Official language of the meeting is English. All peer-reviewed submissions will be published in an abstract-volume.

Format: abstracts are limited to two A4-sized pages including text, figures and tables; *margins* (top, bottom, left, right): 25 mm; *title*: upper and lower case, left justified; Arial, 14 pt bold; *contributors' names*: upper and lower case, left justified, first name first, surname last, Arial, 12 pt.; *affiliation*: upper and lower case, left justified, Arial, 10 pt.; numbered superscripts should be used to indicate the affiliation of each contributor; *e-mail address* should be added in parentheses at the end of the corresponding contributor's affiliation; *main text*: single-spaced text, Arial 12pt, no section headings.

Additional to the abstract-volume, a meeting-volume including (peer-reviewed) extended abstracts and further short related contributions (10 to 20 print-pages; for more extended contributions contact O.E.) will be published in the *psf*-Journal of Freiberg University after the conference. Contributions to this meeting-volume should be submitted electronically until August, 31<sup>st</sup>, 2014 to Olaf.Elicki@geo.tu-freiberg.de. For instruction for authors consult the journal website at <http://tu-freiberg.de/geo/psf>.

## Important Dates

Opening of e-mail registration:	<b>01.03.2014</b>
Abstract submission Deadline:	<b>01.05.2014</b>
Final registration deadline and payment of fees by bank transfer:	<b>01.05.2014</b>
Hotel reservation in Freiberg for 20.–23.7.2014 up to:	<b>30.05.2014</b>

## How to reach Freiberg?

Freiberg is quite easy to arrive by public transport. The easiest way is to go to Dresden first (the near situated capital of Saxony State) and then to use railway to Freiberg (trains run every hour). Airports with international connections are closely situated in Dresden (DRS, 50 km away) and Leipzig (LEJ, 120 km away); both airports have also domestic flights from/to Frankfurt International Airport. Alternatively, you can also use one of the Berlin airports (Schönefeld: SXF, Tegel: FBB). From all mentioned airports regular railway connections to Freiberg are available (generally via Dresden).

### Airport connections:

Dresden airport: <http://www.dresden-airport.de/>

Leipzig airport: <https://www.leipzig-halle-airport.de/en/>

Frankfurt airport: [http://www.frankfurt-airport.com/content/frankfurt\\_airport/en.html](http://www.frankfurt-airport.com/content/frankfurt_airport/en.html)

Berlin/Schönefeld and Berlin/Tegel airports: <http://www.berlin-airport.de/en/>

Railway connections: <http://www.bahn.de/i/view/DEU/en/index.shtml>

Dresden railway main station (Dresden Hauptbahnhof)

Dresden airport station (Dresden Flughafen)

Leipzig railway main station (Leipzig Hauptbahnhof)

Leipzig airport station (Leipzig/Halle Flughafen)

Frankfurt railway main station (Frankfurt am Main Hauptbahnhof)

Frankfurt airport station (Frankfurt (M) Flughafen)

Berlin railway main station (Berlin Hauptbahnhof)

Berlin airport Schönefeld station (Berlin-Schönefeld Flughafen)

Berlin airport Tegel station (Berlin Flughafen Tegel)

If you need any assistance, don't hesitate to email us.

## How to reach your hotel / the meeting locations in Freiberg?

For your stay in Freiberg we have option for accommodation (pre-reservation) at *Hotel Kreller* (for details see above). The hotel is situated in the city center (<http://www.hotel-kreller.de>) and can be reached from railway station by taxi or by foot (about 1 km; map: <http://www.hotel-kreller.de/kreller2/anfahrt.html>).

A map showing the meeting locations and other interesting spots will be supplied on the meeting website.

## Further Communication

Detailed schedule and organizational things will be distributed by email to all the interested colleagues which have pre-registered until April, 1<sup>st</sup>, 2014.

The meeting website is located under:

<http://tu-freiberg.de/geo/palaeo/schneidj/cpc-2014>

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