



XXI International Congress

Carpathian Balkan Geological Association
Salzburg (Austria), September 10 -13, 2018

CBGA 2018 - Austria



Report on the XXI International Congress of the Carpathian Balkan Geological Association (CBGA) in Salzburg, Austria, September 10–13, 2018

The every four-year meeting of the Carpathian Balkan Geological Association was held at the Faculty of Sciences at the Paris-Lodron-University of Salzburg. About 300 contributions were submitted for oral and poster, organized in 19 sessions covering a wide spectrum of fields ranging from stratigraphy to magmatism, metamorphism studies to economic and oil geology, and cultural geology. Roughly, 330 participants from about 25 countries attended the meeting, and presented and discussed their results in three, respectively four, parallel sessions and in poster sessions. Posters were on display all three days. Particularly successful sessions, among others, were those related to stratigraphy, tectonics, hydrocarbon and economic geology, and cultural geology. Few contributions were submitted to a number of applied geological fields, *e.g.*, engineering geology and hydrogeology. Particular attention should be paid in future conferences how to reach these particular communities. The CBGA 2018 was in a friendly and open atmosphere, and the mild and sunny late summer weather was in support of the success of the meeting as well as the invitation by the Province and City of Salzburg to a music concert in the old residence in the historical city center.

Three plenary speakers gave reports on recent advances in major fields and important input for future research directions: Stefan M. Schmid (ETH) gave an overview of the reconstruction of the ABCD orogenic belt; Wolfgang Müller (Frankfurt/Main) presented an introduction to technological advances in micro-analysis for environmental and paleoclimate analyses and also presented a new geochronological method for dating of metamorphic processes; Sierd Cloetingh reviewed rheological models of the European lithosphere and, particularly, the plume-related tectonics.

Participants can view conference photographs on the homepage: <http://cbga.sbg.ac.at/>.

Finally, six pre- and post-conference excursions gave the opportunity to take a look at the state of research on specific topics in the surroundings of Salzburg. Note that the original aim of the foundation of the Carpathian Balkan Geological Association was to correlate geology of the Alpine-Balkan-Carpathian-Dinaric mountain belts through field excursions.

The abstract e-book of CBGA 2018 can be downloaded from *Geologica Balcanica*, the field guides of most excursions are published in the *Berichte der Geologischen Bundesanstalt* and may also be downloaded from the CBGA 2018 conference home page (for details, see below). Conference contributions were published in *Geologica Balcanica* and *Geologica Carpathica*, and a few further special issues are in preparation.

The local organizers want to express their sincere thanks for support of the conference by the authorities of the Province and City of Salzburg, the University of Salzburg, to the Geological Survey of Austria, and to the staffs of *Geologica Balcanica* and *Geologica Carpathica*.

The Council of CBGA decided that the next conference will be held in Plovdiv, Bulgaria, in August 2022. We wish grand success to the next organizers presided by the new president of CBGA, Irena Peytcheva (Bulgarian Academy of Sciences).

Franz Neubauer
(for local organizers of CBGA 2018; past president of CBGA)

Available conference products

Neubauer, F., Brendel, U., Friedl, G. (Eds). 2018. *Advances of Geology in southeast European mountain belts*. XXI International Congress of the Carpathian Balkan Geological Association Abstracts, *Geologica Balcanica*, Bulgarian Academy of Sciences, Sofia, 399 pp. (<https://www.geologica-balcanica.eu/abstract-books>).

Neubauer, F. (Ed.). 2018. XXI International Congress of the Carpathian Balkan Geological Association – Guidebook to pre- and post-conference excursions, 10–13 September 2018, Salzburg. *Berichte der Geologischen Bundesanstalt* 126, 303 pp., Vienna. (<https://www.geologie.ac.at/produkte-shop/textpublikationen/zeitschriften/berichte-der-geologischen-bundesanstalt/>).