



1st ČAG Workshop on Field Survey Methods in Geomorphology

We would like to invite you to the 1st ČAG Workshop focused on the field geomorphological survey methods, which will be held before the annual ČAG conference State of geomorphological research in 2019.

The workshop will take place at the conference venue, Parkhotel Skalní město and in the surrounding sandstone landscape area of Prachovské skály, from **April 2nd to 3rd 2019**.

Workshop will be focused on selected field methods commonly used by the experts of the organizing Institute of Rock Structure of Mechanics in their research in the sandstone areas. The IRSM researchers perform in this unique landscape studies aimed at the assessment of the stability of the rock landforms, long-term monitoring of the behaviour in relation to various environmental conditions, slope processes dynamics and structural geomorphological analyses of the sandstones. The area of the Prachovské skály offers an ideal terrain for demonstration of the applied methodological complex.

The workshop will be focused namely on:

- UAV orthophoto data acquiring and their post-processing and 3D DEM construction
- Terrestrial laser scanning and creation of the final DEM model and its uses
- Insight into the underground for assessment of the structures and lithology by means of applied-geophysical methods
- Methods of displacement and dynamics measurements (crack gauges, extensometers etc.)
- Complex interpretation of the studied landform (e.g. rock tower) with consequent evaluation of its stability and assessment of a natural hazard (e.g. rock falling)

Further information:

- the workshop is **free of charge**. The participants will however pay the accommodation and meals in the Parkhotel (same conditions as for the Conference)
- minimal number of participants to open the workshop is 5
- detailed programme and schedule will be provided in 2nd circular shortly after New Year
- the workshop is primarily intended for students of master or postgraduate programme and early-career researchers (post-docs)
- the workshop will be organized and lead by researchers of the Institute of Rock Structure and Mechanics CAS, v.v.i.
- contact address for any information is the same as for the conference: cag2019@irsm.cas.cz

We would like to ask potential participants to express their preliminary interest by a non-committal e-mail.

The organizing committee
cag2019@irsm.cas.cz