

***Interactive comment on “Cryogenic cave  
carbonate – a new tool for estimation of the Last  
Glacial permafrost depth of the Central Europe” by  
K. Žák et al.***

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The paper addresses relevant scientific question about the CP. The model presented concerning the permafrost in the caves is a new model and it is interesting in the CP. The scientific methods and assumptions are valid and clearly outlined and the interpretations are sufficiently supported. The data are sufficiently complete and precise. The study area is wider than before, so the conclusions are relevant. The title of the paper doesn't clearly reflect the content: the title focuses on the permafrost, but in the paper there are a wide part concerning the growth of calcite crystals within the ice. This part can't be considered as simple introduction to the main argument. As the authors are

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the most important work-group in this argument, the references are often about their own previous papers. The abstract provide a concise and complete summary and the presentation is well structured and clear. The language is good. The symbols and abbreviations are correctly used. The figures and tables are clear.

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