

Editorial

Foreword to the Memorial issue honoring Ing. Jiří Čejka, DrSc. (1929–2025)

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Dear readers, we welcome you as guest-editors of the special volume dedicated to the life and work of the late Jiří Čejka, DrSc., our beloved colleague, mentor, and friend. First, we are grateful for the opportunity to put together this memorial issue so quickly. We are thankful to the Editor-in-Chief for this possibility. We want to thank all the authors contributing to this memorial issue, and the referees who did a great job and handled the scientific and linguistic reviews under very tight scheduling constraints. We believe that this volume brings enjoyable and stimulating reading, as well as a worthy memorial to a great man and scientist.

Jiří Čejka's primary scientific focus was vibrational spectroscopy and thermal analysis of uranium minerals and compounds. We are delighted to have quickly assembled high-quality original research papers oriented on uranium topics.

The paper by Števková *et al.* describes an interesting until now unknown U–Mo mineralization from Čučma in Slovakia. The paper presents new chemical and spectroscopic data for several less-abundant uranyl molybdate minerals.

The second paper by Kampf *et al.* provides a complete description of the new uranyl sulfate mineral, hubbardite, a new member of the zippeite family from Hubbard Homestead Mine in Colorado, USA. Hubbardite is a highly hydrated uranyl sulfate that contains magnesium as an essential cation in the interlayer of the crystal structure.

The third paper by Plášil *et al.* deals with the synthetic analog of the possible new member of the svornostite group of minerals, a synthetic “magnesianietveldite”. The authors discuss the vibration spectroscopy characteristics and the crystal structure. Furthermore, they discuss the role of the molecular water in the structures of the svornostite supergroup in detail.

The contribution of Olds *et al.* focuses on a new mineral species, szilagyite, a novel uranyl carbonate–selenite mineral from Pickett Corral Mine in Colorado, USA.

A final contribution by Koděra *et al.* provides a complete description of the new mineral, vegrandisite (BaCl₂), which was found in salt melt inclusions from Biely Vrch in Slovakia.

We are convinced that you will enjoy reading those interesting papers assembled in honor of Jiří. Last, but not least, we would like to express our gratitude to Jiří's family for their kind help with assembling this memorial issue.

Jakub K. Plášil and Jiří Sejkora
[Guest Editors]