Leave two blank lines

**Title of the abstract (Times Roman 14 pt, bold)**

Leave one blank line

**A. Author11, B. Author22, C. Author31 (Times Roman 12 pt, bold)**

Leave one blank line

*1Affiliation University1 (Times New Roman 10pt, italic),*

*2Affiliation University2 (Times New Roman 10pt, italic),*

*e-mail: of communicating author@institution.ac.at*

Leave two blank lines

 Leave two blank lines before the text body. Text font: Times New Roman, 12 pt; line spacing: 14 pt, justified; document margins: 2.5 cm top and bottom, 2.5 cm left and right (format A4). The abstract (including figures, see below) must not exceed two pages in length. No blank line between paragraphs. New paragraphs are intended (12 mm).

 References should be cited in the text as follows: relevant information can be found by Strunz & Nickel (2001), Streckeisen (1967) – alternatively in brackets (Beran et al. 1983) respectvely (Zemann, 1948; Jäger, 1962). Leave two blank lines before the reference list but do not give a subtitle to the list. Font size of the reference list: 10 pt, line spacing: 12 pt, justified.

 Figures / Tables, should be cited as Fig. 1 / Tab. 1 etc. in the text. Figure / table caption(s) are labelled as Figure 1 / Table 1 etc. and should be placed below the figure / above the table. Font size of the captions: 10 pt, line spacing: 12 pt, justified.

 Abstracts should be sent to minwien2023.mineralogie@univie.ac.at (conference e-mail address). Please upload the abstract as a **docx (doc)** file with **embedded** figures and tables (if required).

|  |
| --- |
| Table 1. Minerals crystallising in the zemannite-type structure (font size 10 pt.) |
| Ilirneyite Mg0.5[ZnMn3+(TeO3)3]∙4.5H2OKeystoneite Mg0.5[(Ni, Fe,Mn)2(TeO3)3]∙4.5H2OKinichilite Mg0.5[(Mn2+,Zn)Fe3+(TeO3)3]∙4.5H2OZemannite Mg0.5[ZnFe3+(TeO3)3]∙4.5H2O |



Figure 1. Zemannite - the mineral of the meeting

Foto: S. Wolfsried (font size 10 pt.)

Leave two blank lines

Beran A, Hafner St, Zemann J (1983): Untersuchungen über den Einbau von Hydroxylgruppen im Edelstein-Sillimanit. - N Jb Mineral Monatsh 983, 219

Jäger E (1962): Rb-Sr age determinations on micas and total rocks from the Alps. - J Geochem Res 67, 5293

Streckeisen A (1967): Classification and nomenclature of igneous rocks. - N Jb Mineral Abh 107, 144

Strunz H, Nickel EH (2001): Strunz mineralogical tables. - Schweizerbart, Stuttgart

Zemann J (1948): Formel und Strukturtyp des Pharmakosiderits. - Tschermaks Miner Petrogr Mitt 1, 1

**Please add – many thanks:**

**---- Name of the abstract file: ...............................................**

The abstract file should be named according to the first author’s last name (e.g., Zemann.docx). Only doc or docx formats are accepted. The abstract should be sent as an attachment to an e-mail to minwien2023.mineralogie@univie.ac.at

**---- Presenting author: ...............................................**

**Please indicate your preferences for the presentation of your contribution:**

**---- Preferred presentation**:  Oral  Poster

**---- Preferred session of the contribution**

 first - second

 choice

Young Scientist Session.

 Chairs: L. Czekay (Bayreuth), R. Volkmann (Potsdam)  

Metal enrichment processes - latest advances in the understanding of ore formation.
Chairs: M. Wilke (Potsdam), J. Michaud (Hannover), M. Korges (Potsdam)  

The co-evolution of Earth's atmosphere, oceans, continents, and life from the

 early Archean until today.

 Chairs: S. Viehmann (Hannover), A.S. Rodler (Vienna),

 S.V. Hohl (Shanghai, China)  

Carbonates in natural and technical environments – Precipitation mechanisms,

 monitoring and applications.
Chairs: R. Boch (Graz), P. Németh (Budapest, Veszprém),

 M. Dietzel (Graz)  

Interplay of chemical and mechanical processes across scales.
Chairs: S. Schorn (Graz), A. Rogowitz (Graz)  

Chronology of geological processes: past, present, future.
Chairs: D. Gallhofer (Graz), E. Skrzypek (Graz)  

Spectroscopic methods in modern geosciences.
Chairs: M. Kaliwoda (Munich), J. Göttlicher (Eggenstein-Leopoldshafen)  

Linking microstructures, crystallographic textures, and the nature of interfaces.
Chairs: T. Griffiths (Wien), G. Habler (Wien)  

Crystallographic Materials Science: from basics to application.
Chairs: S. Schorr (Berlin), C. Weidenthaler (Duisburg-Essen)  

Structure-property relationships of minerals and beyond - Minerals as advanced materials.

 Chairs: M. Münchhalfen (Bochum), J. Schreuer (Bochum)  

**You do not find a suitable session for your abstract here - please suggest an additional microsymposium. The list of sessions is completed regularly at https://minwien2023.univie.ac.at/abstracts.html**

**---- Further session topics – please mark your preferences**

 **(first and second choice)**

**Mineralogy and Crystallography  **

 Properties of minerals & materials - Physics and chemistry of minerals

 Crystal structures of minerals and related compounds

 Topology and modular aspects of crystal structures - Aperiodic & quasi-crystals

 (New) minerals and mineral classification

 Phase transitions and high-pressure / high-temperature mineralogy

 Neutron and electron scattering – Microstructures & textures of minerals

 Recent analytical developments used in the Earth sciences

**Applied and Technical Mineralogy  **

 Environmental mineralogy and technical applications

 Forensic mineralogy - archeometry and cultural heritage

 Cements, ceramics, glasses and building stones

 Biomineralogy and biomineralization

 Mineralogical aspects related to climate change (carbon cycle)

**Environmental and medical mineralogy  **

 Biosphere-geosphere interactions: environmental aspects

 Weathering, dissolution, adsorption, and transport processes

 Developments and applications of analytical methods

 Stable isotopes in biogeochemistry: experiment and theory

 Biogenic substances - CO2 cycle and storage - anthropogenic environments

 Biogeochemical interfaces and environmental mineralogy

**Petrology and Geochemistry  **

 From melts to rocks and P-T evolution of rocks

 Timing and duration of metamorphic events and reactions

 Transport reactions, fluid―mineral―rock interactions and interfaces

 Stable and radioactive isotopes: clocks & tracers of rock formation/evolution

 Geochronology and petrochronology - fluid processes in the crust and mantle

 Sedimentology and weathering of rocks - thermodynamics and phase equilibria

 Experimental mineralogy, petrology and geochemistry - the deep Earth and beyond

 Astromineralogy, early solar system and the mineral record of impact events

**Economic Geology and Ore Deposits  **

 Raw materials & metals - Industrial, economic and ore minerals

 Critical geomaterial - (Deposit) modelling and mapping

 Geometallurgical aspects in the beneficiation of metallic ore deposits

 Genesis of ore & mineral deposits - Field studies - Supergene enrichments

**Open Sessions  **

 Computer programmes - gemmology and gemstones

 Mineral history & teaching - mineralogical museums and collections

 Other general aspects of mineralogy, petrology, and geochemistry