

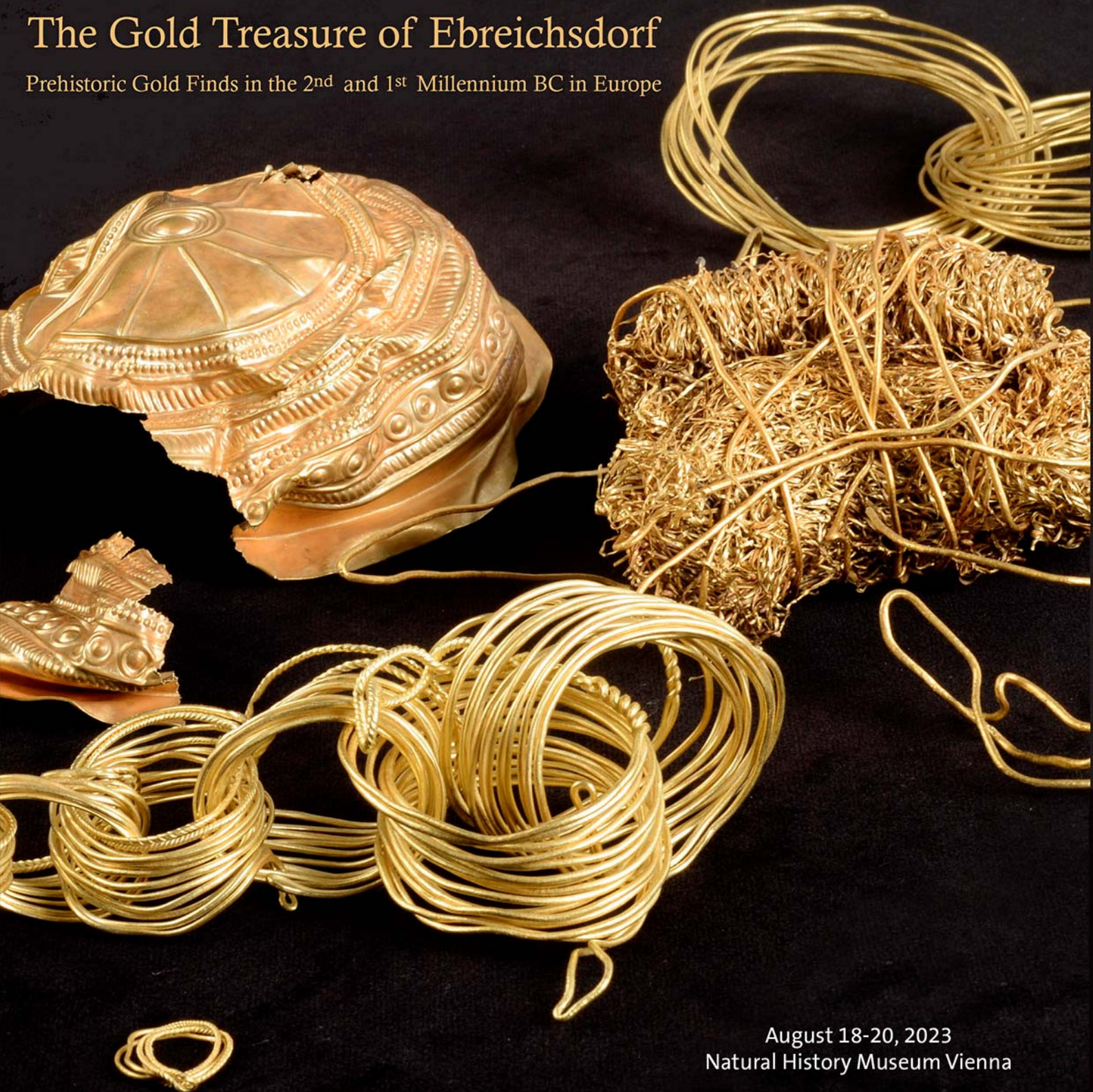
Programme

International Symposium

naturhistorisches  
museum wien **phm**

# The Gold Treasure of Ebreichsdorf

Prehistoric Gold Finds in the 2<sup>nd</sup> and 1<sup>st</sup> Millennium BC in Europe



August 18-20, 2023  
Natural History Museum Vienna



## Programme of the International Symposium

# The Gold Treasure of Ebreichsdorf

## Prehistoric Gold Finds in the 2<sup>nd</sup> and 1<sup>st</sup> Millennium BC in Europe

August 18–20, 2023

Natural History Museum Vienna

### Organising Institutions

Natural History Museum Vienna (NHM)

University of Vienna

Austrian Federal Monuments Authority (BDA)

Novetus GmbH

### Supported by

Österreichische Bundesbahnen AG (ÖBB)

Austrian Society of Pre- and Early History (ÖGUF)

On August 18, 2023, the Late Bronze Age Gold Treasure from Ebreichsdorf, Lower Austria, discovered in 2020/2021, will be officially gifted to the Natural History Museum in Vienna and thus made permanently accessible to the public. In order to place the prehistoric gold finds from Ebreichsdorf into a wider context, contributions by international expert colleagues have been invited to shed light on the distribution, use and manufacture of gold artefacts of the 2<sup>nd</sup> and 1<sup>st</sup> millennium BC in Europe in a symposium on August 18–20, 2023.

The research results of an international and interdisciplinary team of experts, which has been investigating numerous aspects of the production, processing, cultural significance and origin of the Gold Treasure from Ebreichsdorf since 2020, will also be presented for the first time at the symposium. On August 18, 2023, the ÖBB-Infrastruktur AG (ÖBB) will celebrate the donation of the Gold Treasure from Ebreichsdorf to the Natural History Museum Vienna. The ceremony will further include the presentation of a book on the Ebreichsdorf Gold Treasure.

\* \* \*

Am 18. August 2023 wird der 2020/2021 entdeckte spätbronzezeitliche Goldschatz von Ebreichsdorf, Niederösterreich, offiziell dem Naturhistorischen Museum Wien übergeben und damit der Öffentlichkeit dauerhaft zugänglich gemacht werden. Zu diesem Anlass sollen die Goldobjekte aus Ebreichsdorf im Rahmen eines internationalen Symposiums durch Beiträge zu aktuellen Forschungen in den Kontext prähistorischer Goldfunde des 2. und 1. Jahrtausends v. Chr. in Europa gestellt werden. Auch die Ergebnisse eines internationalen interdisziplinären Expert:innenteams, das seit 2020 zahlreiche Aspekte zu Herstellung, Verarbeitung, kultureller Bedeutung und Herkunft des Goldschatzfundes von Ebreichsdorf untersucht, werden bei der Konferenz vom 18. bis 20. August 2023 erstmals präsentiert. Am Abend des 18. August 2023 finden der Festakt zur Schenkung des Goldschatzes an das Naturhistorische Museum Wien durch die Österreichischen Bundesbahnen (ÖBB) und eine Buchpräsentation zum Goldschatzfund von Ebreichsdorf statt.

## Conference Programme

Friday 18<sup>th</sup> August 2023

From 12:00 Registration Conference Office, Cinema Hall, Naturhistorisches Museum

### Greeting Words and Introduction

13:00–13:15 **Katrin Vohland**, General Director and Scientific CEO of the NHM Vienna, Austria

**Karina Grömer**, Head of the Department of Prehistory of the NHM Vienna, Austria

13:15–13:25 **Bernhard Hebert**, Director of the Department of Archaeology, Austrian Federal Monuments Authority

*Archaeological Heritage Management and (Golden) Treasures*

### The Gold Treasure of Ebreichsdorf

Chair: **Martin Krenn**, Department of Archaeology, Austrian Federal Monuments Authority

13:30–13:55 **Michaela Binder & Alexander Stagl**, Novetus GmbH, Austria

*The prehistoric settlement of Ebreichsdorf*

13:55–14:10 **Murat Yasar, Regina Friedl & Rudolf Göttlich**, Austrian Federal Monuments Authority, Restoration Atelier Friedl and Göttlich, Austria

*Restaurierungs- und Konservierungsarbeiten an dem spätbronzezeitlichen Goldschatz von Ebreichsdorf*

14:10–14:25 **Moritz Numrich & Ernst Pernicka**, Curt Engelhorn Center Archaeometry Mannheim, Germany

*Analyses of the gold objects from the hoard of Ebreichsdorf*

14:25–14:35 **Discussion**

14:35–15:05 Coffee break

15:05–15:20 **Kayleigh Saunderson**, Department of Prehistoric and Historical Archaeology, University of Vienna, Austria

*Finding the precious fabric in a tangled bundle – The textile and experimental analyses of the gold threads of Ebreichsdorf*

15:20–15:35 **Daniel Oberndorfer, Irina Huller & Viola Winkler**, NHM Vienna, Austria

*Restoration of the Ebreichsdorf „gold textile“*

15:35–15:55 **Karina Grömer**, NHM Vienna, Austria

*Textiles as prestige goods in the 2<sup>nd</sup> and 1<sup>st</sup> millennium BC: special case “gold textiles”*

15:55–16:05 **Discussion**



Projekt Goldschatz von Ebreichsdorf

- 16:05–16:30 **Alexandra Krenn-Leeb**, Department of Prehistoric and Historical Archaeology, University of Vienna, Austria  
*The gold treasure of Ebreichsdorf: the hoard and its archaeological and cultural contextualisation*
- 16:30–16:50 **Barbara Armbruster**, Centre National de la Recherche Scientifique Toulouse, France  
*Prehistoric precious metal vessels – technology, aesthetics and function*
- 16:50–17:00 **Discussion**
- 17:00–17:30 Coffee break and **Poster session**

## Ceremony for the Donation of the Gold Treasure of Ebreichsdorf

- 18:30 Host: **Andreas Kroh**, Prokurist, Vice Scientific CEO of the NHM Vienna, Austria  
**Reinhold Hödl**, Geschäftsbereichsleiter, ÖBB-Infrastruktur AG, Austria  
**Christoph Bazil**, President of the Austrian Federal Monuments Authority  
**Katrin Vohland**, General Director and Scientific CEO of the NHM Vienna, Austria
- Book Presentation:** *Der Goldschatz von Ebreichsdorf. Veröffentlichungen der Prähistorischen Abteilung 7, Wien 2023* (Editors: Karina Grömer, Michaela Binder & Alexandra Krenn-Leeb)
- Presentation of the Short Film** *Der Goldschatz von Ebreichsdorf: Konservierung und Forschung* by Crazy Eye (Aenna Linzbauer)
- 19:15 **Keynote Speech**  
**Wolfgang David**, Archaeological Museum of Frankfurt/Main, Germany  
*Goldfunde der Bronzezeit in Mittel- und Südosteuropa*  
Followed by a **buffet** in the foyer of the NHM Vienna

**Saturday 19<sup>th</sup> August 2023**

## The Origin of Gold

Chair: **Michaela Binder**, Novetus GmbH

- 09:00–09:15 **Ruslan Stoychev, Stanislav Iliev & Hristo Popov**, Institute of Art Studies, Bulgarian Academy of Sciences, Regional Museum of History Haskovo, National Archaeolog. Institute with Museum at the Bulg. Academy of Sciences Sofia, Bulgaria  
*Ancient gold mines at Stremtsi, Kardzhali Municipality, South Bulgaria*
- 09:15–09:30 **Hristo Popov**, National Archaeological Institute with Museum at the Bulgarian Academy of Sciences Sofia, Bulgaria  
*The Late Bronze Age gold mine Ada Tepe in the context of interregional contacts in the Northern Aegean and the Eastern Balkans in the 2<sup>nd</sup> mill. BC*



Projekt Goldschatz von Ebreichsdorf

- 09:30–09:45 **Plamen Georgiev, Hristo Popov & Ivan Ivanov**, National Archaeological Institute with Museum at the Bulgarian Academy of Sciences Sofia, Bulgaria  
*Preliminary non-destructive archaeological investigations of mineral deposits in Ancient Thrace*
- 09:45–09:55 **Discussion**
- 09:55–10:10 **Wojciech Jenerałek**, National Museum in Poznań, Poland  
*Interdisciplinary research on gold mining at the Amalara-Peristera archaeological site in Northern Greece – final result*
- 10:10–10:25 **Ernst Pernicka & Moritz Numrich**, Curt Engelhorn Center Archaeometry Mannheim, Germany  
*The SAM gold analysis programme and provenance of ancient gold*
- 10:25–10:35 **Discussion**
- 10:35–11:05 Coffee break and **Poster session**

## Value and Appreciation of Gold

- 11:05–11:20 **Albrecht Jockenhövel**, Westphalian Wilhelms-University of Münster, Germany  
*Where has all the Ada Tepe Gold gone? Bronze Age Gold as raw metal: a missing link and its route from mined ore to finished product. Some remarks on the circulation and recycling of gold*
- 11:20–11:35 **Fraser Hunter & Matthew Knight**, National Museum Scotland Edinburgh, Great Britain  
*A long view of gold objects in Scotland from the Chalcolithic to the Iron Age*
- 11:35–11:50 **Henning Haßmann & Daniel Neumann**, Lower Saxony State Office for the Preservation of Monuments, Lower Saxony State Museum Hanover, Germany  
*Der bronzezeitliche Goldhort von Gessel (Niedersachsen, Norddeutschland) – Niederlegung, rituelle Landschaft, Austausch in der Bronzezeit*
- 11:50–12:05 **Carola Metzner-Nebelsick & Ernst Pernicka**, Ludwig Maximilian University of Munich, Curt Engelhorn Center Archaeometry Mannheim, Germany  
*The hoard finds of Mykhalkiv/Ukraine and comparable finds – their context, composition and results of a laser ablation and QICP-MS analysis*
- 12:05–12:15 **Discussion**
- 12:15–13:45 Lunch break

Chair: **Peter Trebsche**, Department of Archaeologies, University of Innsbruck

- 13:45–14:00 **Szilvia Guba, János Dani, Anikó Angyal, Nicklas Larsson & Károly Tankó**, Hungarian National Museum Budapest, Déri Museum Debrecen, Eötvös Loránd University Budapest, Eötvös Loránd Research Network Secretariat – Institute for Nuclear Research Debrecen, Hungary  
*Forging – hoarding – burying: use of gold in Northern Hungary in the Middle and Late Bronze Age*

- 14:00–14:15 **Ivan Drnić**, Archaeological Museum Zagreb, Croatia  
*Collection of prehistoric gold finds from the Archaeological Museum in Zagreb*
- 14:15–14:30 **Ondrej Chvojka, Daniel Hlásek, Markéta Augustýnova & Jan John** Southern Bohemian Museum and Southern Bohemian University of České Budějovice, Czech Republic  
*Gold der Bronzezeit in Südwestböhmen*
- 14:30–14:40 **Discussion**

### Selected Gold Objects and their Meaning

- 14:40–14:55 **Regine Maraszek**, State Museum of Prehistory Halle (Saale), Saxony-Anhalt State Office for the Preservation of Monuments and Archaeology, Germany  
*Late Bronze Age golden double wire spirals in the Lusatia region – classification and cultural context*
- 14:55–15:10 **Nikolaus Boroffka, Marin Neagoe & Oana Neagoe**, Eurasia Department, German Archaeological Institute, Muzeul Regiunii Porților de Fier, Germany-Romania  
*Șișești. A new Late Bronze Age hoard with bronze and gold objects. Preliminary remarks on gold spirals from double wire with looped ends*
- 15:10–15:20 **Discussion**
- 15:20–15:50 Coffee break
- 16:00–17:30 **Guided tour “Gold-artefacts of the Collection of Greek and Roman Antiquities at the Kunsthistorisches Museum Vienna, Austria”**  
*Beauty, wealth and power: Ancient and early medieval gold*
- 19:00 **Dinner** (optional – registration is requested)

Sunday 20<sup>th</sup> August 2023

### Selected Gold Objects and their meaning

Chair: **Karina Grömer**, Department of Prehistory, Natural History Museum Vienna

- 09:00–09:15 **Borislav Borislavov & Petya Penkova**, National Archaeological Institute with Museum at the Bulgarian Academy of Sciences Sofia, Bulgaria  
*The earliest example of gilded silver earrings dated in the Middle Bronze Age from the territory of present-day Bulgaria*
- 09:15–09:30 **Violetta Reiter, Robert Linke & Karl Großschmidt**, Culex, Austrian Federal Monuments Authority, Medical University of Vienna, Austria  
*Small is beautiful. Gold from Steyr, Upper Austria – Grave 160 from the beginning of the Late Bronze Age*



Projekt Goldschatz von Ebreichsdorf

- 09:30–09:45 **Jaroslav Peška**, Archeological Center Olomouc, Czech Republic  
*Ein neuer Hortfund von Golddrahtrollen in Mittelmähren*
- 09:45–10:00 **Tomáš Zachar**, Archaeological Museum of Frankfurt/Main, Germany  
*Aurum vegetabile. Historische Quellen, Datierung und Herstellungstechnologie der spätbronzezeitlichen Golddrahtrolle aus Zvolen, Slowakei*
- 10:00–10:10 **Discussion**
- 10:10–10:25 **Matěj Kmošek, Stanislav Stuchlík & Nikola Šuhejová**, Institute of Archaeology of the Czech Academy of Sciences Brno, Museum Bruntál, Czech Republic  
*New finds of gold sheet ornament of Urnfield culture from Opava (CZ)*
- 10:25–10:40 **Harald Meller**, Saxony-Anhalt State Office for the Preservation of Monuments and Archaeology, State Museum of Prehistory Halle (Saale), Germany  
*Sunshine Drinking. The Krottorf gold bowl and its dating*
- 10:40–10:55 **Heiner Schwarzberg & Ina Schneebauer-Meißner**, Archaeological State Collection of Munich, Germany  
*Golden Times- Gold Textiles of the Bronze Age in the Bavarian Archaeological State Collection*
- 10:55–11:05 **Discussion**
- 11:05–11:35 Coffee break

## Gold in the Iron Age

Chair: **Georg Tiefengraber**, Department of Prehistory, Natural History Museum Vienna

- 11:35–11:50 **Christiane Eluère**, C2RMF, Musées de France, Ministère de la Culture Paris, France  
*The gold jewelry of a presumed forerunner of the Early Iron Age chieftains*
- 11:50–12:05 **Anja Hellmuth Kramberger**, Alma Mater Europaea – Institutum Studiorum Humanitatis, University of Ljubljana, Slovenia  
*"Skythian" princess in Slovenia? On the gold jewelry from grave 27 in tumulus 48 of Stična*
- 12:05–12:20 **Diana Gergova**, National Academy of Art Sofia, Bulgaria  
*The gilded hyperborean Myth. The Vulchitrun Treasure a century after its discovery*
- 12:20–12:35 **Birgit Schorer & Gerd Stegmaier**, State Office for Cultural Heritage Baden-Württemberg, Tübingen; Department of Pre- and Protohistory, University of Tübingen, Germany  
*Material Identities: Studies on selected Early Iron Age gold objects from Southwest Germany*
- 12:35–12:50 **Holger Wendling**, Salzburg Museum und Archäologische Staatssammlung München  
*Gold of the Ancient Celts - The hoard of torc, rings, and coins from Neumarkt near Salzburg*
- 12:50 **Concluding Discussion**

Lunch break

14:00–16:00 **Guided tours** through the Prehistoric collections of the Natural History Museum Vienna (Halls XI-XIII and Archives)  
Divided into groups of ca. 20–25 persons

## Poster presentations

**Martin Hristov**, National Museum of History – Sofia, Bulgaria

*Gold spirals in Balkan region from second half of III-first half of II mill. BC*

**Marina Kalpachka & Petya Penkova**, National Archaeological Institute with Museum at the Bulgarian Academy of Sciences (NAIM-BAS)

*The Rython from Zlatinitsa gilding technique*

**Robert Linke & Birgit Bühler**, Austrian Federal Monuments Authority, Vienna Institute for Archaeological Science

*Herstellungstechnische Untersuchungen am Goldfund von Ebreichsdorf*

**Julia Mattes**, Institutionen för arkeologi och antik historia, Uppsala universitet

*Der Goldfund von Onslunda – Ausdruck von Wandel der Kultpraxis in der Spätbronzezeit?*

**Krasimir Nikov**, National Archaeological Institute with Museum – Bulgarian Academy of Sciences

*New evidence for relations between southern Thrace and Anatolia in the late third and early second millennium BC*

**Petya Penkova & Krastyu Chukalev**, National Archaeological Institute with Museum at the Bulgarian Academy of Sciences (NAIM-BAS)

*Technological study on gold finds from Late Chalcolithic period from the collection of National Archaeological Institute with Museum at the Bulgarian Academy of Sciences*

**Milena Tonkova**, National Archaeological Institute with Museum, Bulgarian Academy of Sciences (Department of Thracian Archaeology)

*Gold signet rings of Odrysian elite (5th – 4th century BC)*

**Maria Windholz-Konrad**

*Der Golddrachthort aus dem steirischen Koppental*

### Venue

Natural History Museum Vienna, Cinema Hall, Burgring 7, 1010 Vienna, Austria

Homepage: <https://www.nhm-wien.ac.at/>

### Contact

Barbara Hirsch, Natural History Museum Vienna, Burgring 7, 1010 Vienna, Austria

E-mail: [barbara.hirsch@nhm-wien.ac.at](mailto:barbara.hirsch@nhm-wien.ac.at); Homepage: <http://www.nhm-wien.ac.at/>