

**Permanent magnet materials in the making**  
**International workshop**

**Leoben, Austria**  
**21-22 May 2025**

**Department of Geography and Regional Research, University of Vienna**  
**Erich Schmid Institute (ESI) of Materials Science, Austrian Academy of Sciences (ÖAW)**  
**Wolfgang Pauli Institute (WPI)**

organized by  
Andrea Bachmaier (WPI c/o ESI, ÖAW) and Erika Faigen (University of Vienna)



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AUSTRIAN ACADEMY OF SCIENCES  
ERICH SCHMID INSTITUTE OF MATERIALS SCIENCE



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## Programme at a glance

**21 MAY 2025**

**[Erich Schmid Institute, Jahnstrasse 12, Leoben]**

16.00 – 17.30 Welcome, brief introduction round, and lab tour

18.30 - Dinner

**22 MAY 2025**

**[Erich Schmid Institute, seminar room, 1<sup>st</sup> floor, Jahnstrasse 12, Leoben]**

09.00 – 09.30 Gathering, coffee and tea

09.30 – 12.00 Discussion of ongoing projects and research

12.00 – 13.00 Lunch

13.00 – 15.00 Card-based method experiment

15.00 – 15.30 Coffee/tea break

15.30 – 16.00 Discussion of method and closing of the workshop

16.00 – 17.30 Afternoon programme (optional): Guided tour through Leoben



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### Workshop overview and aims

This invitation-based workshop brings together material scientists working on and with permanent magnet materials, and social scientists working on novel methods to explore possibilities for constructive engagement with the material sciences around sustainable mineral-based material uses. Broader themes to guide the discussion will be shared with the participants in advance of the workshop. The workshop seeks to facilitate an exchange on project developments by research groups (in alphabetical order) in Austria, Germany, Italy, Slovenia and Spain. The aim is to gather an understanding of state-of-the-art developments on permanent magnet materials with the possibility to connect over future research funding opportunities.

Further, the workshop will also apply the card-based method with the participants. The card-based method originates from research in the field of science and technology studies and has been further developed as part of the Marie Skłodowska-Curie Actions funded project GLoRI. The card based method will be presented and explained and all participants will be invited to test and work with the card-based method. The purpose of this activity is to learn, apply, and discuss the method for future research. Further details will be offered during the workshop.

Preliminary participant list (in alphabetical order of first name)

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