

Registration

Please register by **9 August 2024** via www.buildmona.de/TCO2024

The registration fee of €420 covers the abstract booklet, coffee breaks, lunch and social events.

All payments must be made until **6 September 2024** with the remark "231391357" to our bank account:

Name of account holder:

Hauptkasse des Freistaates Sachsen

Name and address of the bank:

Deutsche Bundesbank

Karl-Liebknecht-Str. 141a

04275 Leipzig

IBAN: DE22860000000086001522

SWIFT/BIC Code: MARK DEF1 860

Remark : 704000337-3/231391357

+ number according to invoice

Amount : EUR 420,00

Further Information

Up-to-date Information on the scientific program, location, accommodation and how to reach us can be found at www.buildmona.de/TCO2024

Tutorials

Anisotropic Properties of Oxides

Anisotropic structural properties

Marius Grundmann, Leipzig University

Anisotropic electrical properties

Saskia Fischer, Humboldt-Univ. Berlin

Anisotropic optical properties

Chris Sturm, Leipzig University

Bädeker Lecture 2024

Darrell Schlom

Cornell University



UNIVERSITÄT
LEIPZIG

TCO2024

Transparent Conductive Oxides - Fundamentals and Applications

23-27 September 2024

Universität Leipzig

Felix Bloch Institute for Solid State Physics

Linnéstr. 5, 04103 Leipzig

Organisation

Prof. Dr. Marius Grundmann, U Leipzig

Dr. Holger von Wenckstern, U Leipzig

www.buildmona.de/TCO2024

Scientific Scope

Transparent materials have many applications such as transparent contacts, electromagnetic shielding and devices in flexible active electronic circuits. Emerging directions of research are ultra-wide band gap materials and quantum systems for sensing and computing.

The TCO2024 meeting will include:

- theory of oxide electronic materials
- metal-like transparent materials
- widegap materials for quantum devices
- non-Hermitian systems
- energy harvesting
- ultra-widegap oxides

Call for Contributions

The TCO2024 meeting calls for oral and poster contributions. Please submit to TCO2024@uni-leipzig.de a one-page abstract before **14 June 2024** (**submission deadline**) as a pdf file with embedded fonts. Contributions will be selected by the program committee.

Notification of acceptance will be given via email by **15 July 2024**.

Program Committee

Oliver Bierwagen, Paul-Drude-Inst., Berlin
Vanya Darakchieva, Linköping Univ.
Saskia Fischer, Humboldt-Univ. Berlin
Marius Grundmann, Leipzig Univ.
George Kiriakidis, FORTH, Heraklion
Andreas Klein, TU Darmstadt
Stephen Pearton, Univ. of Florida
Joel Varley, L. Livermore Natl. Lab.
Holger von Wenckstern, Leipzig Univ.
Hiroshi Yanagi, Univ. of Yamanashi
Chang Yang, ECNU, Shanghai

Sponsors



Invited Speakers

Keith Butler, Rutherford Appleton Lab.
Jonas Deuermeier, Univ. Nova Lisbon
Janine George, BAM Berlin
Andrew J. Green, Air Force Res. Lab
Yasushi Hirose, Tokyo Metropol. Univ.
Takuya Hosokai, AIST, Tsukuba
Toshio Kamiya, Tokyo Inst. Techn.
Kentaro Kaneko, Kyoto University
Alexander Karg, Universität Bremen
Lars Korte, HZB Berlin
Piero Mazzolini, Parma University
Julia Medwedeva, Univ. of Missouri
Monica Morales Masis, Univ. Twente
Luis Pereira, Univ. Nova Lisbon
Robin Perry, Univ. College London
Bernd Szyska, Techn. Univ. Berlin
Wolfgang Tress, ZHAW School of Eng.
Martina Zupancic, IKZ Berlin

a few submitted contributions can be upgraded by the program committee to invited presentations.