

Registration

Please register by **10 August 2017** via
www.buildmona.de/TCO2017

The registration fee of €300 covers the abstract booklet, coffee breaks, the conference dinner and lunch.

All payments must be made until
1 September 2017 with the remark
"231391038" and your full name to
our bank account:

Name of account holder:

Hauptkasse - für Uni Leipzig

Name of the bank:

Deutsche Bundesbank (BBk)

IBAN: DE22860000000086001522

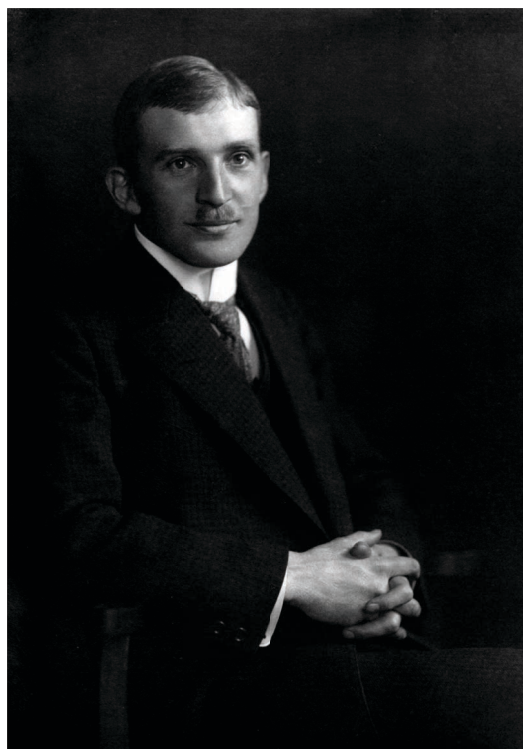
BIC: MARK DEF1 860

Remark: 231391038, your full name

Amount: EUR 300,00

Further Information

Up-to-date Information on the scientific program, location, accommodation and how to reach us can be found at
www.buildmona.de/TCO2017



Karl Wilhelm Bädeker (1877-1914)

140 years ago **Karl W. Bädeker**, grandson of the founder of the Baedeker tour guides, was born in Leipzig. He reported 110 years ago in 1907 at Universität Leipzig the first transparent, conductive thin films, namely from cadmium oxide (n-type) and copper iodide (p-type). He also achieved the first doping of semiconductors via the variation of the iodine concentration in Cul.

UNIVERSITÄT LEIPZIG

TCO2017

Transparent Conductive Oxides – Fundamentals and Applications

18.-22.9.2017

Universität Leipzig

Felix-Bloch-Institut für Festkörperphysik
Linnéstr. 5, 04103 Leipzig

Organisation

Prof. Dr. Marius Grundmann, U Leipzig
Dr. Holger von Wenckstern, U Leipzig

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Scientific Scope

Transparent materials are used for ohmic applications such as transparent contacts in displays and solar cells or electro-magnetic shielding. Also semiconducting transparent oxides for diodes and transistors have gained tremendous interest due to applications in transparent and flexible active electronics.

The TCO2017 meeting will focus on:

- theory of oxide electronic materials
- growth of bulk semiconducting oxides
- epitaxial oxide heterostructures
- metal-like n-type TCOs
- novel oxide semiconductors
- point defects in oxides
- oxide devices and applications

Call for Papers

The TCO2017 meeting calls for oral and poster contributions. Please submit to TCO2017@uni-leipzig.de a one-page abstract before **16 June 2017** (**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 2017**.

TCO2017

Program Committee

Martin Albrecht, Leibniz-IZK, Berlin
Duncan Allsopp, University of Bath
Keith T. Butler, University of Bath
Jean-Michel Chauveau, CRHEA, Valbonne
Marius Grundmann, Universität Leipzig
Axel Hoffmann, TU Berlin
Holger von Wenckstern, Univ. Leipzig

Sponsors



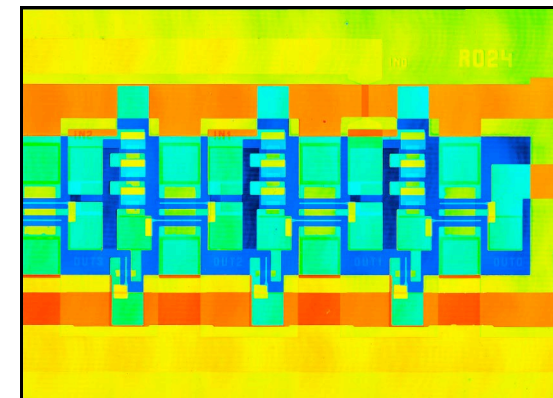
Publication

Conference contributions can be submitted for peer-reviewed publication in a special issue of (www.pss-a.com)

physica
status
solidi
applications and
materials science

Confirmed Invited Speakers

Oliver Bierwagen, PDI, Berlin
Armin Dadgar, OvG-Univ. Magdeburg
Judith Driscoll, Cambridge University
Klaus Ellmer, HZB, Berlin
Geoffroy Hautier, Univ. Cath. de Louvain
Kevin D. Leedy, WP-AFB, Dayton, OH
Chris McConville, RMIT Univ., Melbourne
Marjorie Olmstead, U Washington, Seattle
Takahisa Omata, Tohoku University
Chris Sturm, Universität Leipzig
Joel B. Varley, Lawrence Livermore
Garcia Villora, NIMS, Tsukuba
Lasse Vines, University of Oslo
Jesús Zúñiga-Pérez, CRHEA, Valbonne



Ring oscillator from ZnO/ZnCo₂O₄ JFET's/F.Klüpfel/UL