

**Prof. Dr. S. Hollands**  
**Prof. Dr. R. Seidel**



UNIVERSITÄT  
LEIPZIG

**Fakultät für Physik und Geowissenschaften**

# Physik-Kolloquium

**Dienstag, den 19.06.2018, 17.00 Uhr**

**Professor Oded Zilberberg**

Department of Physics, ETH Zürich

## **The Quantum Hall Effect Leaves Flatland**

Since the epoch of general relativity, scientists have dealt with higher-dimensional wonderlands. The contemporary field of topological condensed matter similarly deals with systems of arbitrary dimensions. Nowadays synthetic dimensions can be quantum engineered in the lab. For the first time, we have thus proposed and realized physics of the 4D Hall effect in experiments.

**Ort: Hörsaal für Theoretische Physik, Linnéstraße 5**

**Alle Teilnehmer sind ab 16.30 Uhr zu Kaffee vor dem Hörsaal eingeladen.**