

Universität Duisburg-Essen

**Gerhard-Mercator-Haus**

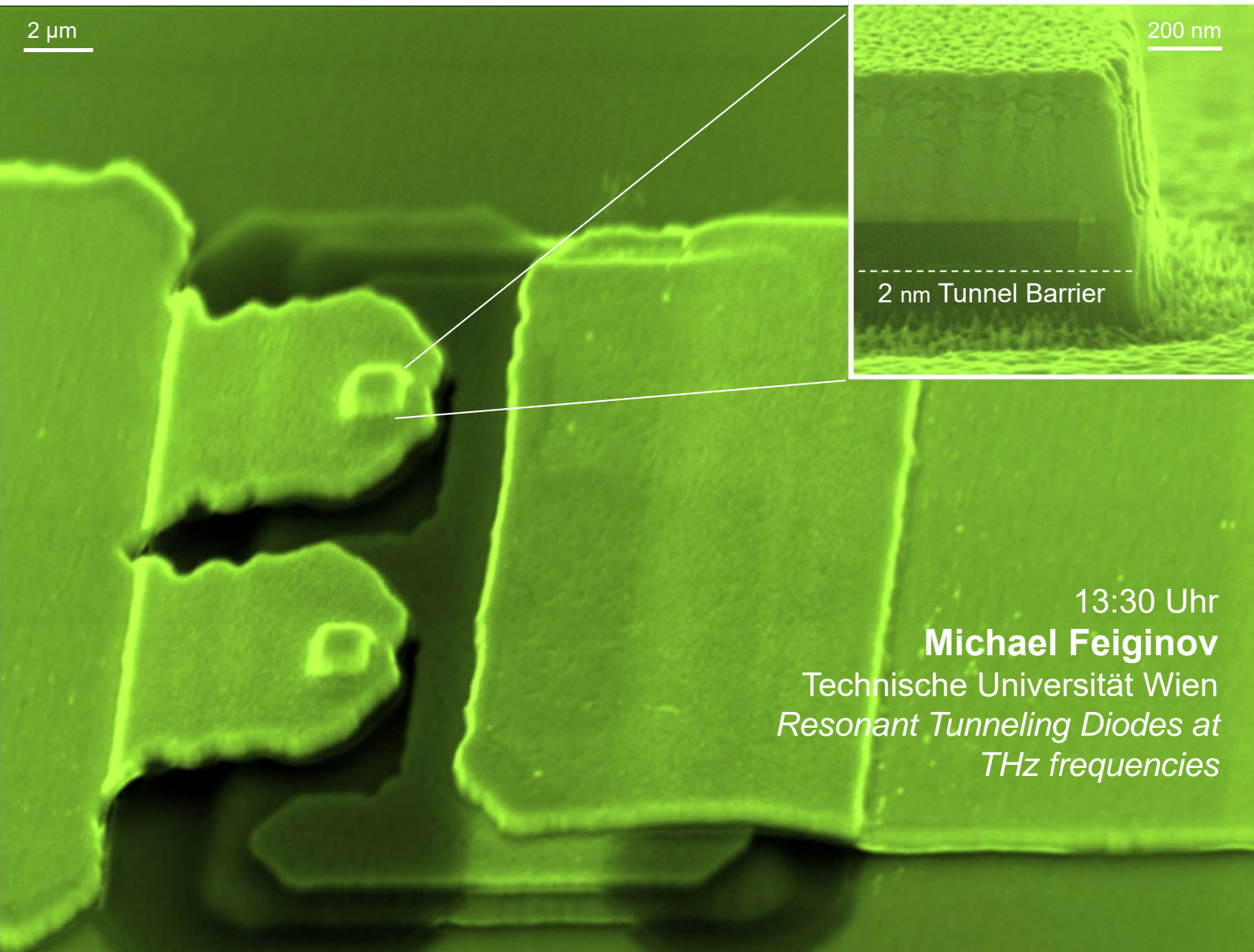
Duisburg, Lotharstr. 57

February 13<sup>th</sup>, 2019

13:30 – 16:45

MARIE IRTG: Topical Workshop

# The Tunneling Time Limit in THz Devices



13:30 Uhr

**Michael Feiginov**

Technische Universität Wien  
*Resonant Tunneling Diodes at  
THz frequencies*

15:30 Uhr

**Xavier Oriols Pladevall**

Universitat Autònoma de Barcelona  
*Physical Simulation of the speed of  
Tunneling Diodes with Bohmian mechanics*

14:00 Uhr

**Oliver Passon**

Bergische Universität Wuppertal  
*The de Broglie-Bohm theory  
and quantum tunneling*