



TECHNISCHE  
UNIVERSITÄT  
WIEN  
Vienna University of Technology

European Research Council



INVITATION

## ERC Symposium QuantumPuzzle & Opening of the Vienna Microkelvin Laboratory

Wednesday 22nd June 2011

11:00 am

Vienna University of Technology

Festsaal, Karlsplatz 13

Freihaus, Wiedner Hauptstrasse 8-10

Univ.Prof.Dr. Silke BÜHLER-PASCHEN  
Vienna University of Technology  
Institute of Solid State Physics  
Wiedner Hauptstr. 8-10  
1040 Vienna, Austria  
T: +43-1-58801-13716  
F: +43-1-58801-13899  
paschen@ifp.tuwien.ac.at  
<http://erc.tuwien.ac.at>



## ERC Symposium QuantumPuzzle & Opening of the Vienna Microkelvin Laboratory

Wednesday 22nd June 2011  
11:00 am

### Vienna University of Technology

Festsaal  
Karlsplatz 13 (staircase 1, 1st floor)  
1040 Vienna

Freihaus  
Wiedner Hauptstraße 8-10 (red area, 7th floor)  
1040 Vienna

We look forward to seeing you.  
Please reply by 10th June 2011 to:

Angelika Bosak  
+43-1-58801-13109  
bosak@ifp.tuwien.ac.at

## FESTSAAL

- 11:00 Rector Peter Skalicky  
Welcome
- 11:05 Vice Rector Sabine Seidler  
Research
- 11:10 Dean Gerald Badurek  
Faculty of Physics
- 11:20 Arnold Schmidt  
ERC Identification Committee
- 11:30 Hilbert v. Löhneysen  
Karlsruhe Institute of Technology  
*Phase transitions at absolute zero*
- 12:15 Silke Bühler-Paschen  
Institute of Solid State Physics  
*The ERC project QuantumPuzzle*
- 12:45 Lunch and coffee break
- 13:45 Qimiao Si  
Rice University, Houston  
*Quantum criticality and emergent phases*
- 14:25 Suchitra E. Sebastian  
Cavendish Laboratory, University of Cambridge  
*Quantum criticality and Fermi surface properties*
- 15:05 John Saunders  
Royal Holloway, University of London  
*Superfluid  $^3\text{He}$  confined in controlled nanofabricated geometries*

## FREIHAUS

- 16:00 Silke Bühler-Paschen  
Welcome
- 16:10 Laboratory tour