

Registration form

Name

Title / function

Affiliation

Department

P.O. box / street

ZIP code

City

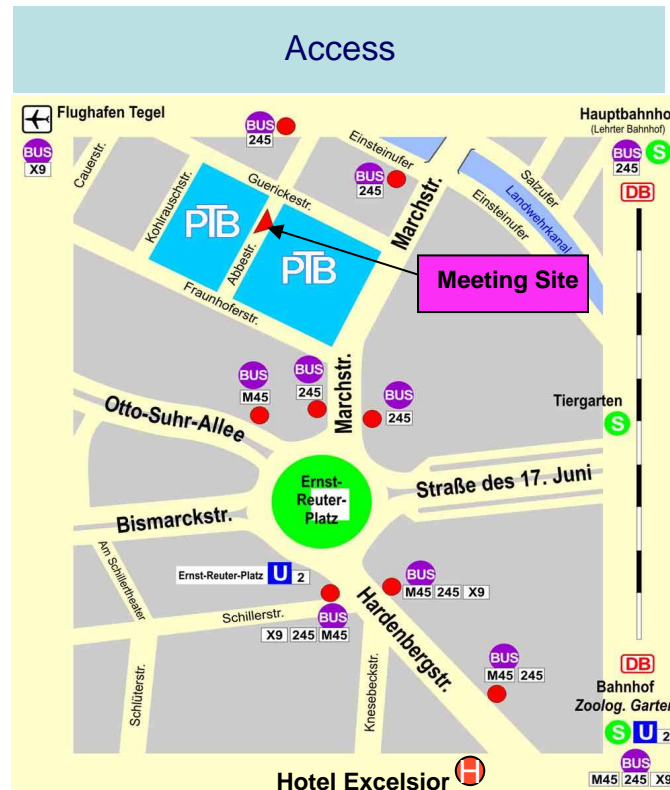
Country

Phone

E-mail

- I am interested in the workshop, please keep me on your mailing list
- I would like to register
- I would like to give a talk
- I would like to present a poster

Please send by e-mail to
margit.kleinsorge@ptb.de
or fax to +49-30-3481 7684



By train: Station Berlin Main Station (Hauptbahnhof), take S-Bahn S1, S9, S75, or S5 to Station Zoologischer Garten, from there it is a 20-min. walk to PTB campus. Subway U2 (destination Ruhleben), buses 145 and 245, and express bus X9 connect to Ernst-Reuter-Platz.

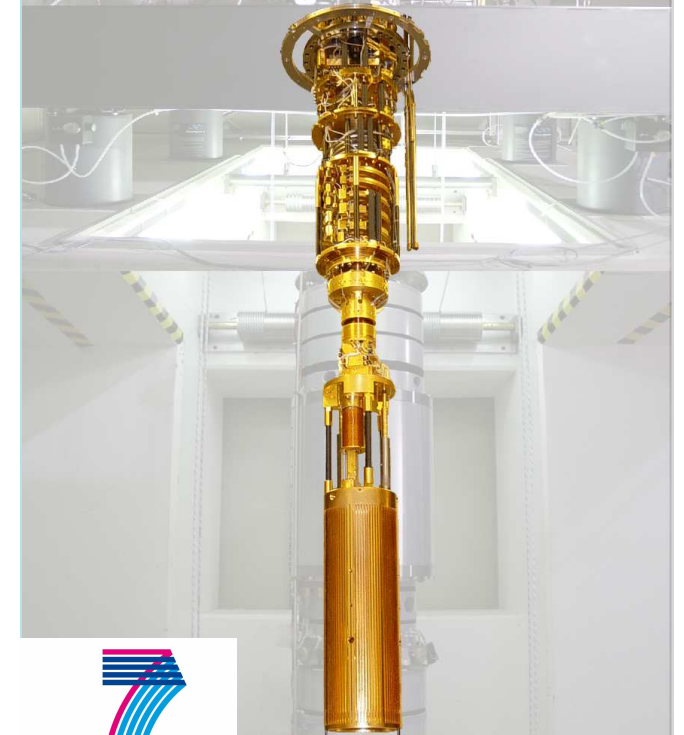
By plane: Airport Berlin-Tegel is connected to Ernst-Reuter-Platz and train station Berlin Zoologischer Garten by express bus X9. Airport Berlin-Schönefeld is connected to train station Berlin Zoologischer Garten by railway (Regionalexpress) and by S-Bahn S9.

By car: The PTB campus is located in the City West of Berlin, close to train station Berlin Zoologischer Garten and the Technical University.

Physics and Metrology at Very Low Temperatures

December 10th, 2009
Berlin

Physikalisch-Technische Bundesanstalt
www.ptb.de/berlin



Invitation

December 10th, 2009
Physikalisch-Technische Bundesanstalt
Campus Berlin
Hermann-von-Helmholtz-Building

Physics and Metrology at Very Low Temperatures

The workshop

In May 2007, PTB and Hahn-Meitner Institute have held the Symposium "Physik und Metrologie bei tiefen Temperaturen" at this place. Physicists and engineers from German universities, academic institutes and industry discussed new developments and trends in low-temperature physics and cryogenic techniques.

Meanwhile, 2 years later, the "European Microkelvin Collaboration", a project funded by the European commission, has been launched which aims at creating an integrated European virtual laboratory in microkelvin physics and technology. This PTB workshop will initiate discussions and networking activities within the European low-temperature community.

Another occasion of this workshop is the 65th birthday of the head of PTB's Berlin institute Wolfgang Buck.

The venue

The workshop is organized by the Physikalisch-Technische Bundesanstalt (PTB), Germany's National Metrology Institute, and the Helmholtz Zentrum Berlin (formerly Hahn-Meitner Institute). It takes place at the historical PTB campus which is located within walking distance from Kurfürstendamm and Bahnhof Zoologischer Garten, right in the heart of Berlin's 'City West'.

Program

Scope

- cooling techniques
- thermometry
- sensors
- ultra cold gases
- quantum phenomena
- material properties
-

Invited speakers

Christian Enss	Heidelberg
Rudolf Gross	Garching
Dieter Kölle	Tübingen
Mikko Paalanen	Helsinki
John Saunders	London

Contributed presentations

Contributed presentations will be mainly given on posters. During the workshop will be time available for poster discussions.

If you would like to give a presentation at the workshop, please submit a brief summary to margit.kleinsorge@ptb.de.

Deadline for contributions: November 20th, 2009.

Schedule

- Workshop starts on Thursday at noon
- Social gathering on Thursday evening
- For those interested in a lab tour and further discussion, the PTB colleagues are available on Friday morning

Organization

PTB Department 7.5 "Cryo- und Vacuum Physics"
Helmholtz-Zentrum Berlin BENS

Thomas Schurig	PTB
Peter Strehlow	PTB
Klaus Kiefer	HZB
Michael Meißner	HZB

Office: Margit Kleinsorge
Tel.: (+49) 30 3481 7276
E-mail: margit.kleinsorge@ptb.de

Accommodation

We have made some reservations in the Excelsior Hotel which is in walking distance to PTB.

Room rates:

Single room	82,50 Euro incl. breakfast
Double room	110,00 Euro incl. breakfast

Non smoking rooms are available.

Please make your reservation with the key word
"PTB Berlin"!

Tel.: +49 (0)30-31 55 22
Fax: +49 (0)30-31 55 10 53
e-mail: Reservierung@hotel-excelsior.de

Registration and fees

Please register via (e-)mail or fax using the form attached. Registration deadline: November 27th, 2009. The number of participants is limited, therefore early registration is advised.

Conference fees:	
regular attendees	25 €
members of academic institutions	free
(PhD/MD) students	free

Only on site payment is possible.