# ARNOLD SOMMERFELD CENTER FOR THEORETICAL PHYSICS

## This Week at the ASC

16 - 20 April 2007

## **NEWS**

The Fourth Arnold Sommerfeld Lecture Series will take place on April 16 - 19 and will be delivered by Anthony J. Leggett (University of Illinois at Urbana-Champaign, USA).

Anthony J. Leggett is widely recognized as a world leader in the theory of low-temperature physics. He was awarded the Nobel Prize in Physics in 2003 (jointly with Alexei A. Abrikosov and Vitaly L. Ginzburg) for his pioneering work on superfluidity.

Please consult the program below for further details on the lecture series.

The Sommerfeld Theory Colloquium on Wednesday April 18 will start at 9.15 h with the award of the Arnold Sommerfeld PhD prize 2006. The prize will be awarded to Dr. Frank Meyer and to Dr. Markus Storcz for their outstanding performance in the ASC Graduate School.

#### Monday, 16.04.07

#### **Arnold Sommerfeld Lecture Series - Public Lecture**

17.15 h Anthony J. Leggett

Audimax University of Illinois at Urbana-Champaign, USA Geschwister-Scholl-Platz 1 **Bell's theorem, entanglement, quantum teleportation** 

and all that

You are cordially invited to attend the reception following the lecture on

April 16.

### Wednesday, 18.04.07

#### **Sommerfeld Theory Colloquium**

9.15 h Anthony J. Leggett

Room 348 / 349 University of Illinois at Urbana-Champaign, USA Theresienstr. 37 / III Superfluidity, phase coherence and the new Bose-

condensed alkali gases

#### Thursday, 19.04.07

#### **Theory Colloquium TUM**

14.15 h Anthony J. Leggett

Lecture Hall 2 University of Illinois at Urbana-Champaign, USA James-Franck-Str., TUM **Testing the limits of quantum mechanics: motivation,** 

state of play, prospects

Friday, 20.04.07

**Mathematical Physics** 

12.30 h Thomas Sorensen

Room 251

Theresienstr. 39 / II TBA