

CHIRALTEM information & get-together

If you are interested in the current state of the CHIRALTEM project or magnetic imaging in a transmission electron microscope, we would like to invite you to our informal meeting with a Bavarian "Brotzeit" on

THURSDAY, 29.03.2007, at 20.00
in the corridor in front of our TEM labs
(Room PHY 7.0.12)

We will provide a couple of posters on the above topics and guided tours through the TEM lab.

What is CHIRALTEM?

The CHIRALTEM project stands for the first evidence of EMCD (energy loss magnetic chiral dichroism) in a TEM - in analogy to XMCD. First experiments show a clear effect in Iron, Nickel and Cobalt! EMCD has the potential for an **element specific magnetic imaging technique in a TEM** (similar to XMCD).

P. Schattschneider et al., Detection of magnetic circular dichroism using a transmission electron microscope, Nature, 441 (May 2006), 486-488



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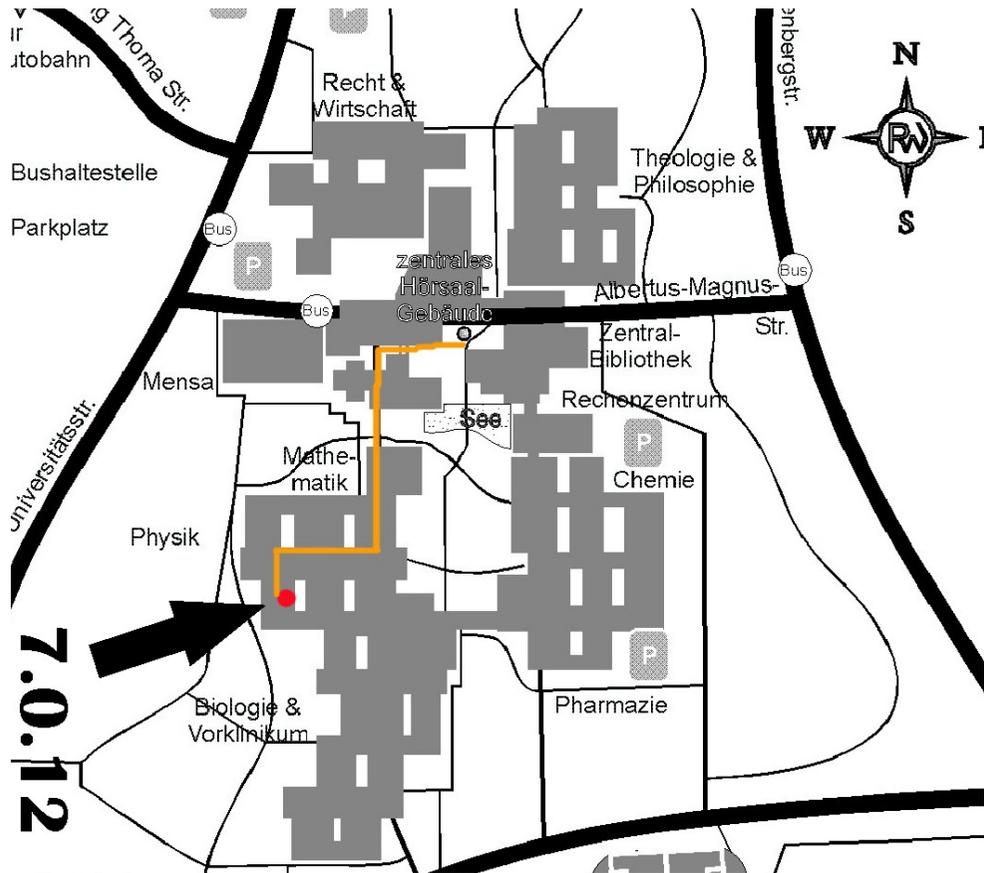
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How to find us ?

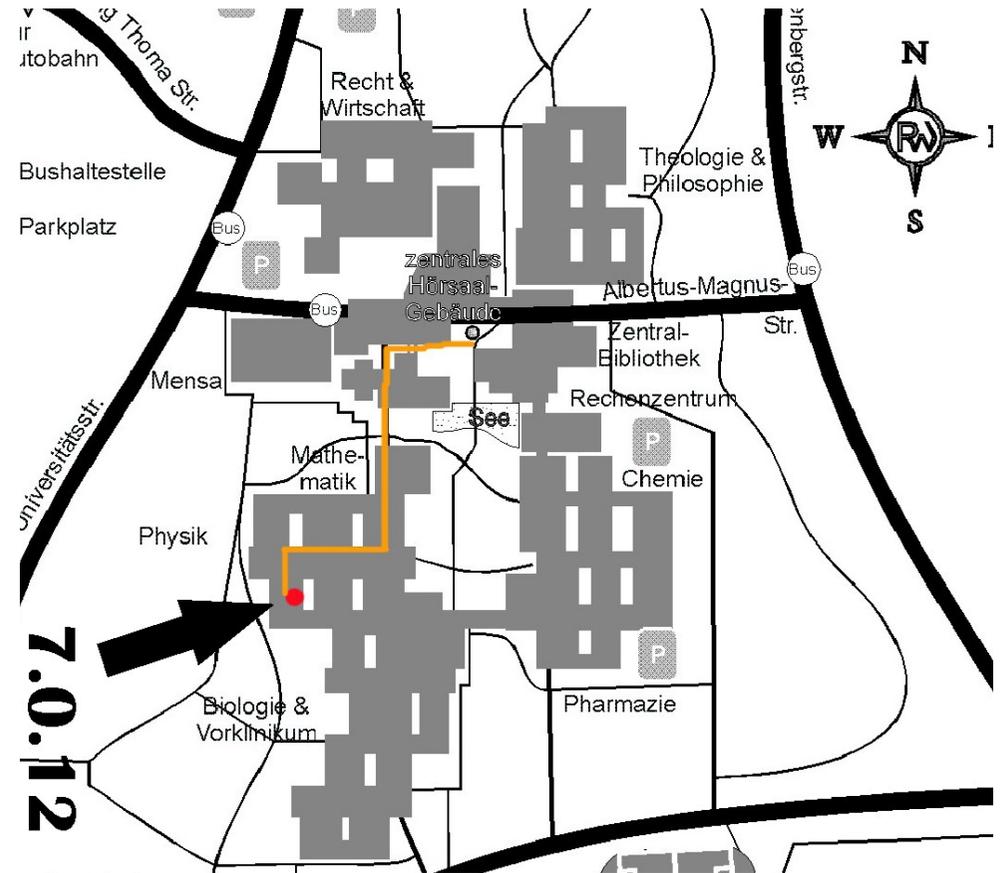
The way from the "big ball" outside the main lecture hall (AudiMax) to the location of the get-together: look for lecture hall H35 in the physics building or follow the map!



Contact: josef.zweck@physik.uni-regensburg.de or
christian.hurm@physik.uni-regensburg.de

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