

**ERWIN L. HAHN  
INSTITUTE  
FOR  
MAGNETIC  
RESONANCE  
IMAGING**

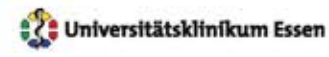
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**What justifies the  
investment in human  
ultra-high-field MR?**

**Invitation  
to the 5<sup>th</sup>  
Erwin L. Hahn Lecture  
on  
October 12, 2011**

Participating institutions:



**red dot design museum**  
Geisenkirchener Str. 181  
45309 Essen

**Invitation**

The Erwin L Hahn Institute will celebrate its 5<sup>th</sup> anniversary this coming October. To mark the occasion there will be a one-day symposium which will examine the current state of MR at 7T. The overriding question of the day will be: What justifies the investment in ultra-high-field MR?

We have invited five internationally acknowledged experts in the field to give state-of-the-art talks about specific 7T advancements and potential constraints. The talks will highlight technical and fundamental research aspects as well as several applications of ultra-high-field MR in radiology and cognitive neuroscience. Following the talks, experts in the field of 7T MR will discuss the future benefits and risks related to investing in ultra-high-field MR.

We hereby cordially invite you to join us on the occasion of the 5<sup>th</sup> Erwin L. Hahn Lecture, which will take place on October 12, and look forward to welcoming you to this exciting event.

The occasion begins at 10:00 in the Coal Mine of the World Heritage Zollverein:

red dot museum (Kesselhaus)  
Shaft XII, Building A7  
Gelsenkirchener Str. 181, D-45309 Essen

Sincerely yours

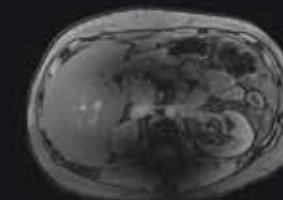
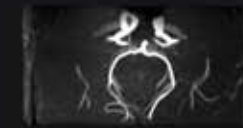
Matthias Brand, Managing Director  
Mark E. Ladd, Director  
David G. Norris, Director

**Agenda**

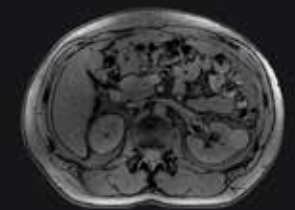
- 09:30 Accreditation and Welcome Coffee**
- 10:00 Welcome and Greeting**
- 10:15 Erwin L. Hahn Institute: the first five years**  
Prof. Mark E. Ladd
- 11:00 Break**
- 11:30 Whole-body imaging: confronting the challenges of ultra-high-field MR**  
Prof. Peter Lujtjen, Utrecht (NL)
- 12:00 7T investigations as a future tool for neuroradiology**  
Prof. Mark van Buchem, Leiden (NL)
- 12:30 Ultra-high-field fMRI: What will be the lasting contribution to cognitive neuroscience?**  
Prof. Rainer Goebel, Maastricht (NL)
- 13:00 Lunch Break and Poster Session**
- 14:00 New insights into metabolic pathways and biochemical profiles**  
Prof. Rolf Grütter, Lausanne (CH)
- 14:30 What's on the horizon?**  
Prof. Mark Griswold, Cleveland (USA)
- 15:00 Debate**  
**Ultra-high-field MR in the next five years: Promising future in hospitals or a nice toy for the boys?**
- 15:45 Reception**

**Imaging at the Erwin L. Hahn Institute for MRI**

Past



Today



**Registration Information**

Participation is free  
Please register under [www.hahn-institute.de](http://www.hahn-institute.de)  
Deadline for registration is October 4, 2011