

Scientific Director:

Prof. Dr. Jürgen Hennig

Assistant:

Laurence Haller

Our group is active in research and development of new techniques in the field of in-vivo Magnetic Resonance. The close collaboration afforded by the direct interaction of the basic scientists working in our group with [clinical partners from the University Hospital](#) enables us to perform our developments with a direct feedback from the clinicians and clinical scientists. The range of our activities reaches from basic science in MR methodology and related fields to application developments, in which the basic techniques are optimized and tested for given applications, to the final development of clinical protocols for routine MR examinations. Our aim is to do science which (at least potentially) is useful and can be used by others. Playing around with apparently useless concepts and sequences has been found to be one very good motor for doing so. Basic research in the fundamentals of our field is in this context not a contradiction, but a necessary prerequisite for the development of practical applications. Our aim to pursue projects, which can be used by others, has led to many fruitful collaborations with Institutes all over the world.