

# Magnetic Resonance

Wed, 2015-05-27 15:17 - [Burkhard Luy](#) [1] **Website:**  
<http://www.ioc.kit.edu/luy/index.php> [2]

**Research Type:** Experiment

At the Institute of Organic Chemistry and the Institute for Biological Interfaces 4 - Magnetic Resonance - of the Karlsruhe Institute of Technology (KIT), the group is interested in magnetic resonance methods development and applications.

Optimal control in quantum systems is used to create robust pulse sequences for all kinds of multidimensional experiments in NMR spectroscopy. Sequences are applied in the context of small organic molecules, (bio-) polymers, (nano-) diamonds and biological fluids.

**Leader:** Burkhard Luy

## Location

Karlsruhe Institute of Technology (KIT) Fritz-Haber-Weg 6  
Karlsruhe 76131 Germany  
49° 0' 45.1008" N, 8° 24' 48.6288" E  
See map: [Google Maps](#) [3]

- [Quantum Control](#) [4]

**Source URL:** <http://qurope.eu/db/groups/magnetic-resonance>

## Links:

[1] <http://qurope.eu/users/bulu>

[2] <http://www.ioc.kit.edu/luy/index.php>

[3] <http://maps.google.com?q=Fritz-Haber-Weg+6%2C+76131%2C+Karlsruhe%2C+de>

[4] <http://qurope.eu/category/virtual-facility/quantum-control>