

Dr. Maxim Zaitsev

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[Research Interests](#)

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Research Interests

- MR Imaging Hardware
- Imaging Principles and Data Sampling
- Distortion Correction of Echo Planar Images
- Interactive and Self-adjusting Realtime Imaging
- Realtime Shim Correction
- Fast MR Imaging

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Projects

- Rapid Adaptive Non-linear Gradient Encoding for MRI (RANGEmri)
- INUMAC
- Dynamic Distortion Correction in EPI
- Distortion Correction Works-in-Progress Package
- Real-time Motion Correction

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Publications

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Date	Event
July 1997	Diploma Degree in Physics, Belarusian State University, Minsk, Belarus
1997-1999	Chief Software Developer, Applied Systems Ltd., Minsk, Belarus
1999-2002	Post-graduate Student, Institute of Medicine, Research Centre Jülich, Germany
July 2002	Ph.D. Degree in Physics (Dr. rer.-nat.), Cologne University, Germany
2002-2006	Assistant Scientist at Dept. of Radiology, Medical Physics, University Hospital Freiburg, Germany
since 2006	Scientific Director, Magnetic Resonance Development and Application Center, Dept. of Radiology, University Hospital Freiburg, Germany
since 2007	INUMAC Project Leader, Dept. of Radiology, Medical Physics, University Hospital Freiburg, Germany

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