Univ. - Prof. Dr. sc. techn. Mark E. Ladd

- **Head, Division of Medical Physics in Radiology, German Cancer Research Center (DKFZ), Heidelberg**
- **Professor for Medical Physics in Radiodignostics and Biophysics, Medical Faculty, University of Heidelberg**
- **Principle Investigator, Erwin L. Hahn Institute for Magnetic Resonance Imaging, University of Duisburg-Essen, Essen**
- **Co-opted member of the Faculty of Physics and Astronomy, University of Heidelberg**
- **Co-opted member of the Medical Faculty, University of Duisburg-Essen**

- **Born 7 September 1967, Wayne, Michigan, USA**

Professional history

since 2013	German Cancer Research Center (DKFZ) Heidelberg, Germany • Head, Division of Medical Physics in Radiology
since 2013	University of Heidelberg Heidelberg, Germany • Medical Faculty, Professor for Medical Physics in Radiodiagnostics and Biophysics
since 2013	University of Duisburg-Essen Essen, Germany • Principle Investigator, Erwin L. Hahn Institute for Magnetic Resonance Imaging
2013 2006	University of Duisburg-Essen Essen, Germany • Director, Erwin L. Hahn Institute for Magnetic Resonance Imaging
2013 2004	University Hospital Essen Essen, Germany • Professor of Biomedical Imaging, Department of Diagnostic and Interventional Radiology and Neuroradiology
2010 2000	MR-Innovation GmbH Essen, Germany • Vice President Research and Development and Safety Officer
2004 1999	University Hospital Essen Essen, Germany • Senior Physicist, Department of Diagnostic and Interventional Radiology and Neuroradiology
1999 1994	General Electric Medical Systems in cooperation with University Hospital Zurich Zurich, Switzerland • Advanced Systems Engineer

1994 1992	General Electric Medical Systems Milwaukee, Wisconsin, USA • Engineer
1991 1989	Stanford University Stanford, California, USA • Research Assistant, Space, Telecommunications and Radioscience Laboratory
1987 1986	General Motors Corporation Warren, Michigan, USA • Engineering Intern, Advanced Manufacturing Engineering Staff

Education

2001	University of Duisburg-Essen Essen, Germany • Habilitation (post-doctoral thesis) with venia legendi
1998 1995	Swiss Federal Institute of Technology (ETH) Zurich Zurich, Switzerland • PhD (Dr. sc. techn.)
1991 1989	Stanford University Stanford, California, USA • Master of Science in Electrical Engineering
1989 1985	University of Michigan Ann Arbor, USA • Bachelor of Science in Engineering
1985 1982	John Glenn High School Westland, Michigan, USA • High School Diploma

Further Activities

since 2019	President of the German Society for Medical Physics (DGMP)
2018 2017	Vice President of the German Society for Medical Physics (DGMP)
2016	Co-Chair of Workshop „UHF MRI: Technological Advances & Clinical Applications", International Society for Magnetic Resonance in Medicine (ISMRM)
since 2013	Scientific Advisory Board of „Der Radiologe"
2017 2013	Governing Committee of the High Field Systems & Applications Study Group, International Society for Magnetic Resonance in Medicine (ISMRM)

2013	Guest Editor of „Investigative Radiology", Special Issue on Clinical Advances with 7 Tesla
2018 2012	Deputy Editor of „Magnetic Resonance in Medicine"
2013 2010	Board of Trustees, International Society for Magnetic Resonance in Medicine (ISMRM)

- More than 260 publications in scientific journals
- Author of 11 book chapters and 20 review articles
- Reviewer for more than 20 scientific journals and a variety of national and international funding organizations and professional societies

Research Interests

- Methodological advances in magnetic resonance imaging and spectroscopy, including imaging with ultra-high magnetic fields, parallel transmission, MRI safety, and magnetic resonance-guided radiotherapy

Honors (selected)

- Award winner in the Competition for the Promotion of Young Academicians as part of the Program for Research Innovation of the State of North Rhine-Westphalia, Germany (2000)
- Award winner in the Innovation Competition for the Promotion of Medical Engineering of the German Federal Ministry of Education and Research (BMBF, 2006)
- Recipient of an Advanced Grant from the European Research Council (ERC, 2012)