

## Daniel Fischer, Ph.D.

*Department of Physics  
Missouri University of Science and Technology  
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### Resume

- 1997            „Vordiplom“ (B.Sc.) in physics  
                 Freiburg University, Germany
  
- 2001            “Diplom” (M.Sc.) in physics (grade: „very good“)  
                 Freiburg University, Germany  
                 Diploma thesis (Supervisor: Prof. J. Ullrich)  
                 *“Aufbau eines Reaktionsmikroskops zur Untersuchung von Ion Atom-Stößen”*  
                 (Assembly of a Reaction Microscope for the investigation of ion-atom collisions)
  
- 2001-03        Research assistant  
                 Max Planck Institute for Nuclear Physics, Heidelberg, Germany
  
- 2003            Dissertation in physics (grade: „summa cum laude“)  
                 Heidelberg University, Germany  
                 Ph.D. thesis (Supervisor: Prof. J. Ullrich)  
                 *“Mehr-Teilchen-Dynamik in der Einfach- und Doppelionisation von Helium durch geladene Projektile”* (Few-particle dynamics in the single and double ionization of helium by charged particle impact)
  
- 2004-2005     Postdoctoral Research Scientist  
                 Max Planck Institute for Nuclear Physics, Heidelberg
  
- 2005-2007     Postdoctoral Research Scientist  
                 Stockholm University, Stockholm, Sweden
  
- 2008-2009     Postdoctoral Research Scientist  
                 Max Planck Institute for Nuclear Physics, Heidelberg
  
- 2009-2014     Emmy-Noether research group leader  
                 Max Planck Institute for Nuclear Physics, Heidelberg

- 2014            Habilitation  
                  Heidelberg University  
                  Professorial dissertation (Mentor: Prof. K. Blaum)  
                  “*Few-particle quantum-dynamics in ion-atom collisions*”
- 2014            Group Leader, Max Planck Institute for Nuclear Physics, Heidelberg
- 2015-present   Assistant Professor, Missouri S&T, Rolla, MO

### **Awards**

- 2004            Otto Hahn Medal of the Max Planck Society for “the investigation of quantum dynamics in correlated two-electron systems by means of kinematically complete experiments”
- 2006-07        Postdoctoral Fellowship of the Swedish Research Council (VR)
- 2009-2014     “Emmy-Noether” Fellowship of the German Research Council (DFG)

### **Miscellaneous**

Member of the International Advisory Committee of the ISIAC (International Symposium on Ion-Atom Collisions, since 2014)

Member of the Local Organizing Committees of workshops and conferences (ESD2007 in Stockholm, HCI2012 in Heidelberg)

Spokesperson of the working group “Reaction Microscope” of the Stored Particles Atomic Physics Research Collaboration SPARC at FAIR (<http://www.fair-center.com>)