

**Dr. rer. nat. Uwe Greife, Professor**

Department of Physics

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**Curriculum Vitae**

*Higher education and professional experience:*

Since April 2008: Professor (tenured), Department of Physics, Colorado School of Mines, Golden, Colorado

Since May 2009: Chair, Management Team, Nuclear Science and Engineering Center (NUSEC), Colorado School of Mines, Golden, Colorado

June 2007 – May 2010: Interim Academic Program Director Nuclear Engineering, Colorado School of Mines, Golden, Colorado

April 2003 – April 2008: Associate Professor (tenured), Department of Physics, Colorado School of Mines, Golden, Colorado

August 1999 – April 2003: Assistant Professor (tenure-track), Department of Physics, Colorado School of Mines, Golden, Colorado

February 1997 – August 1999: ‘Wissenschaftlicher Assistent’ (~ non tenure-track Assistant Professor) of the faculty for physics and astronomy at the University of Bochum; radiation safety officer

May 1994 - January 1997: “Wissenschaftlicher Mitarbeiter” (research associate and instructor) at the University of Bochum

May 1994: Ph.D. in physics (Dr. rer. nat.); title: Fusion reactions: On the way to thermal energies; RUB Bochum; Germany

December 1989 - May 1994: Graduate student (Ph.D.) at the University of Bochum (supervisor Prof. C. Rolfs)

November 1989: Diploma (M.S. with thesis) in physics; WWU Muenster, Germany

October 1983 - November 1989: Student of physics at the University of Münster (Germany).

*Honors and Awards:*

2010 Colorado School of Mines Dean's Excellence Award

*Research and Teaching Support acquired and managed:*

Germany: 261 kDM; USA: > M\$ 9

*Former Graduate Students:*

Cybele Jewett (Ph.D. June 2005, now Research and Development Scientist at Atomic Energy of Canada Limited) , Jake Livesay (Ph.D. December 2006, now Owner/Chief Scientist Mason Livesay Scientific) , Robert Hatarik (Ph.D. December 2005, now staff member Lawrence Livermore National Laboratory) , Ana Maria Hatarik nee Vicente (M.S. December 2005) , Bob Keith (Ph.D. March 2007, now staff scientist ITT Advanced Engineering and Sciences, Colorado Springs) , Ellen Simmons (M.S. August 2005, now Ph.D. graduate student physics Texas A&M) , Aaron McEvoy (M.S. August 2008, now Ph.D. graduate student University of

Wisconsin), Kelly Chipps (Ph.D. September 2008, now research staff Oak Ridge National Lab) , Luke Erikson (Ph.D. October 2008, now staff member Pacific Northwest National Laboratory) , Nik Sunde (M.S. January 2009, now staff at Orbital Sciences Corporation, Chandler, AZ), Nidhi Patel (Ph.D. September 2010, now postdoc Lawrence Livermore National Laboratory), Chris Farwell (M.S.-NT Nuclear Engineering, now reactor staff U.S. Geological Survey TRIGA reactor), Dylan Hoback (M.S.-NT Mechanical Engineering, now manufacturing engineer at Mountainside Medical, CO), Luke Snyder (Ph.D. Applied Physics, now postdoc at Lawrence Livermore National Laboratory), Bob Larson (PhD Applied Physics, now research associate Colorado School of Mines)

*Former Postdocs:*

Cybele Jewett (2005-2006, now Research and Development Scientist at Atomic Energy of Canada Limited), Caleb Matoon (2007, now staff member Lawrence Livermore National Laboratory), Luke Erikson (2008-2009, now staff member Pacific Northwest National Laboratory), Ulrike Hager (2010-2011, now faculty member Colorado School of Mines), Byang-Ho Lee (2011-2012; now Daewoo Corp.), Kelly Chipps (2010-2013; now research staff at Oak Ridge National Laboratory), Patrick O'Malley (2012-2013; now postdoc at University of Notre Dame)

*Current Research Associates or Postdocs:*

Bob Larson (2013- )

*Current Graduate Students:*

Elliot Grafil (M.S. Nucl. Eng. May 2009 and Ph.D.) , Bill Moore (M.S. Nucl. Eng. And M.S.-NT Mech. Eng. May 2011 and Ph.D. Nucl. Eng.) , Devin Connolly (Ph.D.), Osama AlZaabi (Ph.D. Nucl. Eng.), David Jedrejic (Ph.D.), Adam Mahl (M.S. Nucl. Eng. And Ph.D. Physics), Jeremy Bundgaard (M.S. and Ph.D. Physics), Dan Shields (M.S.), Pascale Meysing (Ph.D. Chem Eng.)

*Undergraduate Senior Design Projects (completed):*

40 (2002 - 2013)

*Invited talks and seminars:*

44 (1994 – 2013)

*Publications in journals and refereed conference proceedings:*

>140 (1990 – 2013);

*Referee duties:*

Phys. Rev. Lett., Phys. Rev. C, Phys. Essays, Nuclear Instruments and Methods A and B, Choice Reviews, National Science Foundation, Department of Energy, Research Corporation, Journal of Physics G, Canadian Journal of Physics, Physics Letters B

*Conference and committee duties:*

Apart from service on numerous department and university committees; organizer or co-organizer of 4 scientific workshops; member and chair of 2 executive user's committees; member of 1 experiment evaluation committee; member of 2 National Science Foundation committees of visitors; member on 14 National Science Foundation, Department of Energy or Department of Defense review panels; member of National Ignition Facility Diagnostics Review committee.