

GRIMM Rudolf

Date and place of birth: 10 Nov. 1961, Mannheim (Germany)
Nationality: Austrian (since 2007) and German

Affiliations: Institute of Experimental Physics, Univ. of Innsbruck,
and Institute for Quantum Optics and Quantum Information (IQOQI),
Austrian Academy of Sciences, 6020 Innsbruck, Austria.

Webpage: <http://www.ultracold.at>



Academic Career

- 1980 – 1989** Study of physics, Univ. of Hannover, Germany
- 1986 – 1989** PhD student, Swiss Federal Inst. of Technology (ETH), Zurich, Switzerland
- 1989 – 1990** Visiting scientist, Inst. of Spectroscopy, Troitsk/Moscow, USSR
- 1990 – 2000** Researcher, Max-Planck-Inst. for Nuclear Physics, Heidelberg, Germany
- 1994 – 2000** Lecturer, Univ. of Heidelberg, Germany
- 2000 – now** Professor of Experimental Physics, Univ. of Innsbruck, Austria
- 2003 – now** Research Director at the Inst. of Quantum Optics and Quantum Information, Austrian Academy of Sciences, Innsbruck, Austria

Professional Activities

- 2005 – 2008** Dean of the Faculty for Mathematics, Computer Science, and Physics at Innsbruck University
- 2005 – 2008** Co-Editor Europhys. Lett.
- 2005 – 2007** European Physical Society, Atomic and molecular physics division (AMOPD), Committee member
- 2005 – now** Board member (deputy for experimental physics), Austrian Science Fund FWF
- 2006 – now** Head of the Center for Quantum Physics, Univ. of Innsbruck

Awards/Honors

- 1989** Silver medal, ETH Zurich
- 1996** Gerhard-Hess-Award of the German Research Foundation (DFG)
- 2005** elected Corresponding Member of the Austrian Academy of Sciences
- 2005** Wittgenstein Award
- 2005** “Austrian” of the Year (area of research)
- 2006** elected Full Member of the Austrian Academy of Sciences
- 2006** Beller Lectureship Award of the American Physical Society
- 2007** elected Fellow of the American Physical Society
- 2008** Science Prize of the State of Tyrol (Tiroler Landespreis für Wissenschaft)
- 2009** Frew Fellowship (Australian Academy of Science)

Memberships

- 1987 – now** German Physical Society (DPG)
- 2000 – now** Austrian Physical Society (ÖPG)
- 2003 – now** American Physical Society (APS)

GRIMM Rudolf (10 selected publications)

1. S. Stellmer, M. K. Tey, B. Huang, R. Grimm, and F. Schreck
Bose-Einstein condensation of strontium
Phys. Rev. Lett. **103**, 200401 (2009)
2. F. Ferlaino, S. Knoop, M. Berninger, W. Harm, J. P. D'Incao, H.-C. Nägerl, and R. Grimm
Evidence for universal four-body states tied to an Efimov trimer
Phys. Rev. Lett. **102**, 140401 (2009)
3. F. Lang, K. Winkler, C. Strauss, R. Grimm, and J. Hecker Denschlag
Ultracold triplet molecules in the rovibrational ground state
Phys. Rev. Lett. **101**, 133005 (2008)
4. E. Wille, F.M. Spiegelhalter, G. Kerner, D. Naik, A. Trenkwalder, G. Hendl, F. Schreck, R. Grimm, T.G. Tiecke, J.T.M. Walraven, S.J.J.M.F. Kokkelmans, E. Tiesinga, and P.S. Julienne
Exploring an ultracold Fermi-Fermi mixture: Interspecies Feshbach resonances and scattering properties of ^6Li and ^{40}K
Phys. Rev. Lett. **100**, 053201 (2008)
5. K. Winkler, G. Thalhammer, F. Lang, R. Grimm, J. Hecker Denschlag, A. J. Daley, A. Kantian, H. P. Buechler, P. Zoller
Repulsively bound pairs in an optical lattice
Nature **441**, 853 (2006)
6. T. Kraemer, M. Mark, P. Waldburger, J. G. Danzl, C. Chin, B. Engeser, A. D. Lange, K. Pilch, A. Jaakkola, H.-C. Nägerl, and R. Grimm
Evidence for Efimov quantum states in ultracold gas of caesium atoms
Nature **440**, 315 (2006)
7. C. Chin, M. Bartenstein, A. Altmeyer, S. Riedl, S. Jochim, J. Hecker Denschlag, and R. Grimm
Observation of the pairing gap in a strongly interacting Fermi gas
Science **305**, 1128 (2004)
8. S. Jochim, M. Bartenstein, A. Altmeyer, G. Hendl, S. Riedl, C. Chin, J. Hecker Denschlag, and R. Grimm
Bose-Einstein condensation of molecules
Science **302**, 2101 (2003)
9. J. Herbig, T. Kraemer, M. Mark, T. Weber, C. Chin, H.-C. Nägerl, and R. Grimm
Preparation of a pure molecular quantum gas
Science **301**, 1510 (2003)
10. T. Weber, J. Herbig, M. Mark, H.-C. Nägerl, and R. Grimm
Bose-Einstein condensation of cesium
Science **299**, 232 (2003)