

1 Andreas Nogga

1. General information

- Nogga, Andreas, Dr. *25.05.1970, male;
- IKP & IAS, FZ Jülich, D-52425 Jülich, Germany;
Fon: +49 2461 61 4725; email: a.nogga@fz-juelich.de
- Staff Scientist, IKP-3 & IAS, FZ Jülich, Germany, 2007-

2. University training and degree

- Physics, 1995-2001, Ruhr-Universität Bochum, PhD, Prof. W. Glöckle
- Physics, 1989-1995, Ruhr-Universität Bochum, Dipl. Phys., Prof. W. Glöckle

3. Advanced academic qualifications

- Doctorate: “Nuclear and Hypernuclear Three- and Four-Body Bound States”, Ruhr-Universität Bochum, 2001, Prof. W. Glöckle

4. Postgraduate professional career

- 2007-, Staff Scientist, IKP-3 & IAS-4, FZ Jülich
- 2016-2017, Visiting Professor, Ohio University, Athens, Ohio
- 2007, Staff Scientist, TRIUMF, Vancouver, B.C., declined
- 2004-2007, Research Associate, IKP, FZ Jülich
- 2003-2004, Research Associate, INT, Seattle, Washington
- 2001-2003, Research Associate, Univ. of Arizona, Tucson, Arizona
- 1995-2001, Research Assistant, Ruhr-Universität Bochum

5. Other

- 2019, Visiting Scientist Award, Chinese Academy of Sciences
- 2016-2017, Glidden Visiting Professorship, Ohio University
- 2016-2018, Editorial Board “Physical Review C”
- 1992-1995, Scholarship of the “Studienstiftung des deutschen Volkes”

6. Publications

- S. Binder, A. Calci, E. Epelbaum, R.J. Furnstahl, J. Golak, K. Hebeler, T. Hüther, H. Kamada, H. Krebs, P. Maris, U.-G. Meißner, A. Nogga, R. Roth, R. Skibiński, K. Topolnicki, J.P. Vary, K. Vobig, H. Wiatała,
“Few-nucleon and many-nucleon systems with semilocal coordinate-space regularized chiral nucleon-nucleon forces,”
Phys. Rev. C **98** (2018) 014002 [arXiv:1802.08584 [nucl-th]].
- S. Liebig, U.-G. Meißner and A. Nogga,
“Jacobi no-core shell model for p-shell nuclei,”
Eur. Phys. J. A **52** (2016) 103 [arXiv:1510.06070 [nucl-th]].
- W. Dekens, J. de Vries, J. Bsaisou, W. Bernreuther, C. Hanhart, U. G. Meißner, A. Nogga and A. Wirzba,
“Unraveling models of CP violation through electric dipole moments of light nuclei,”
JHEP **1407** (2014) 069 [arXiv:1404.6082 [hep-ph]].

- H. W. Hammer, A. Nogga and A. Schwenk,
“Three-body forces: From cold atoms to nuclei,”
Rev. Mod. Phys. **85** (2013) 197 [arXiv:1210.4273 [nucl-th]].
- J. Haidenbauer, S. Petschauer, N. Kaiser, U.-G. Meissner, A. Nogga and W. Weise, “Hyperon-nucleon interaction at next-to-leading order in chiral effective field theory,”
Nucl. Phys. A **915** (2013) 24 [arXiv:1304.5339 [nucl-th]].
- N. Kalantar-Nayestanaki, E. Epelbaum, J. G. Messchendorp and A. Nogga,
“Signatures of three-nucleon interactions in few-nucleon systems,”
Rept. Prog. Phys. **75** (2012) 016301 [arXiv:1108.1227 [nucl-th]].
- A. Nogga, P. Navrátil, B. R. Barrett, and J. P. Vary,
“Spectra and binding energy predictions of chiral interactions for ${}^7\text{Li}$,”
Phys. Rev. C **73** (2006) 064002 [arXiv:nucl-th/0511082]
- A. Nogga, R. G. E. Timmermans and U. van Kolck,
“Renormalization of one-pion exchange and power counting,”
Phys. Rev. C **72** (2005) 054006 [nucl-th/0506005].
- A. Nogga, H. Kamada, and W. Glöckle,
“The hypernuclei ${}^4_{\Lambda}\text{He}$ and ${}^4_{\Lambda}\text{H}$: Challenges for modern hyperon nucleon forces,”
Phys. Rev. Lett. **88** (2002) 172501, [arXiv:nucl-th/0112060].
- E. Epelbaum, A. Nogga, W. Glöckle, H. Kamada, U.-G. Meißner and H. Witala,
“Three nucleon forces from chiral effective field theory,”
Phys. Rev. C **66** (2002) 064001 [nucl-th/0208023].

Total number of refereed papers: 142

Number of citations: 7266 (INSPIRE, Sept. 6th, 2019)

h-index: 47 (INSPIRE, Sept. 6th, 2019)