Biographical Information

Morten Hjorth-Jensen[1,2]

[1]Department of Physics, University of Oslo, Norway
[2]Department of Physics and Astronomy and National Superconducting Cyclotron Laboratory, Michigan State University, USA

2016

Professional preparation, education and personal data:

- Professor of Physics at Michigan State University, USA and the University of Oslo, Norway
- Norwegian citizen, born in Haugesund, July 29, 1961
- Norwegian University of Science and Technology, Trondheim, Norway, Siv.Ing. in Theoretical Physics (Master of Science equivalent), 1988
- University of Oslo, Norway, Ph.D in Theoretical Nuclear Physics, 1993
- ECT*, Trento, Italy, Postdoctoral Researcher in Theoretical Nuclear Physics, 1994-1996
- Nordita, Copenhagen, Denmark, Postdoctoral Researcher in Theoretical Nuclear Physics, 1996-1998

Appointments:

Position	Institution	Dates
Associate Professor of Physics	University of Oslo	1999-2001
Professor of Physics	University of Oslo	2001-present
Adjunct Professor of Physics	Michigan State University	2003-2011
Professor of Physics	Michigan State University	2012-present

Brief research overview

I am a theoretical physicist with a strong interest in computational physics and many-body theory in general, and the nuclear many-body problem and nuclear structure problems in particular. This means that I study various methods for solving either Schrödinger's equation or Dirac's equation for many interacting particles, spanning from algorithmic aspects to the mathematical properties of such methods. The latter also leads to a strong interest in computational physics as well as computational aspects of quantum mechanical methods.

Awards:

1. University of Oslo award for excellence in teaching, 2000
2. Fellow of the American Physical Society, 2007
3. Oak Ridge National Laboratory excellence in research award, 2008
4. Outstanding referee award of the American Physical Society, 2008
5. University of Oslo award for excellence in teaching for the **Computing in Science Education** project, 2011
6. NOKUT (Norwegian entity of quality assessment in higher education) award for excellence in teaching for the **Computing in Science Education** project, 2012
7. Elected member of the Norwegian Academy of Sciences and Letters, 2013
8. Elected member of the Royal Norwegian Society of Sciences and Letters, 2015
9. University of Oslo award for excellence in teaching for developing the Computational Physics group, 2015
10. Favorite graduate teacher at the Department of Physics and Astronomy at Michigan State University, 2016

Citation metrics, highly cited articles, and additional research highlights:

1. Google scholar h-index=47, 8078 citations (May 2016)
2. ISI web of science h-index=41 Search hjorth-jensen or hjorthjensen
3. **Realistic effective interactions for nuclear systems**, M Hjorth-Jensen, TTS Kuo, E Osnes, Physics Reports 261, 125-270 (1995), cited 671 times (Google Scholar)

4. **Phases of dense matter in neutron stars**, H Heiselberg, M Hjorth-Jensen, Physics Reports 328, 237-327 (2000), cited 381 times (Google Scholar)

5. **Pairing in nuclear systems: from neutron stars to finite nuclei**, DJ Dean, M Hjorth-Jensen, Reviews of Modern Physics 75, 607 (2003), cited 322 times (Google Scholar)

6. A total of 144 peer reviewed articles and four books to be published.

7. Supervised and co-supervised 60 graduate students (48 Master of Science and 12 PhD students)

8. Authored and co-authored 22 Physical Review Letters articles, 15 Rapid communications in Physical Review C, seven Physics Letters B articles, one Astrophysical Journal Letters article and one Nature Physics article

9. Written one Physics viewpoint and been highlighted in one other.

10. Taught and developed several courses in Computational Physics and many-body physics, courses in nuclears structure and quantum physics and mechanics and statistical mechanics.

11. More than two hundred invited talks, seminars, colloquia and lectures given worldwide.

12. Organized more than 30 conferences, workshops and schools and advanced courses.

13. Presently supervising 12 Master of Science students (University of Oslo) and four PhD students (MSU)

Synergistic Activities and service through the years:

- Since 1999 I have established an activity in computational physics at the Department of Physics at the University of Oslo. I have also started from scratch and developed several courses on computational physics and many-body physics. This activity was recognized with the Excellence in Teaching award from the University of Oslo in 2015. During the last fifteen years I have guided 48 Master of Science of students (28 have continued with PhD studies) and twelve PhD students. I currently supervise twelve Master of Science students at the University of Oslo. I supervise four PhD students at Michigan State University.

- With colleagues at the University of Oslo, I have been strongly involved in the development of a totally new teaching philosophy which merges computation with the traditional science amd mathematics curriculum . This project is called Computing in Science Education and has received

considerable support from the University of Oslo and the Norwegian Ministry of research and education. It received the University of Oslo award for excellence in teaching in 2011 and the NOKUT award in 2012.

- With colleagues from the USA and other European countries, we have started the Nuclear Talent initiate":"http://www.nucleartalent.org", where we aim at providing an advanced and comprehensive training to graduate students and young researchers in low-energy nuclear theory. The network aims at developing a broad curriculum that will provide the platform for a cutting-edge theory for understanding nuclei and nuclear reactions. Within 2016 the initiative has run and developed eleven courses. I chaired the steering committee from its beginning in 2010 till 2015. I have taught two of these courses and been one of the organizers on five of the eleven courses.

- Together with colleagues in the USA, I am, due to my shared position at Michigan State University, deeply involved in the set up of a large center in theoretical nuclear physics that will be linked up with the coming Facility for Radioactive Ion Beams at Michigan State university.

Editorial boards and committees.

- Member of the Physics Advisory Comittee at the National Superconducting Cyclotron Laboratory, Michigan State University, East Lansing, USA, 2003-2008

- Member of the Canadian research council's evaluation board on subatomic physics 2012-2015.

- Member of the Swedish research council's evaluation board on subatomic physics 2007-2008.

- Editorial Board member of Physical Review C (2014-2016)

- Editorial Board member of European Physical Journal A (2010-present)

- Editorial Board member of European Physical Journal Special Topics (2010-present)

- Editorial Board member of Springer's Lecture Notes in Physics (2010-present)

- Editorial Board member of Springer's Undergraduate Lecture Notes in Physics (2014-present)

- Editorial board member of Computers in Science and Discovery journal, a journal by IOP, UK (2008-2014)

- Steering Committee member of the FRIB theory alliance at Michigan State University (2013-2016)

- Initiated and led the Nuclear Talent initiative from 2010 till 2015, now member of the Steering committee
- Member of the Board of Usit at UiO (Center for information technology at the University of Oslo), 2002-2004
- Project leader for High-performance computing courses at UiO, 2000-2003
- Board member of the Bachelor program Mathematics, Information theory and Technology at the University of Oslo, 2002-2008
- Leader of the Bachelor program Physics, Astronomy and Meteorology at the University of Oslo, 2002-2011
- Together with colleagues from the Department of Physics, Department of Mathematics and Department of Informatics at the University of Oslo, we started the Computers in Science Education project in 2004. This project, which we conceived back in 2003, has changed totally changed the way Science is taught.
- Member of the OECD working group in nuclear physics 2006-2008
- January 2009-December 2011, leader of the Nuclear Physics group at the University of Oslo

Referee for International Journals.

- Referee for Reviews of Modern Physics
- Referee for Physical Review Letters
- Referee for Nature
- Referee for Physical Review **C**
- Referee for Physical Review **D**
- Referee for Nuclear Physics **A**
- Referee for Physics Letters **B**
- Referee for Astrophysical Journal
- Referee for Journal of Chemical Physics
- Referee for Journal of Physics **A**: Mathematical Physics
- Referee for Journal of Physics **G**: Nuclear and Particle Physics
- Referee for European Journal of Physics **A**
- Referee for European Physics Letters

- Referee for Few Body Systems
- Referee for Modern Journal of Physics E
- Referee for Physica Scripta
- Referee for Annals of Physics
- Referee for SIAM
- Referee for Computer Physics Communications
- Referee for Computers in Science and Discovery
- Referee for Journal of Mathematics Physics

Other Referee Activities.

- Referee for the Canadian Research Council
- Referee for the Israelian Research Council
- Referee for the South African Research Council
- Referee for the British Research Council
- Referee for the German Research Council
- Referee for the American Department of Energy (DOE)
- Referee for the American National Science Foundation (NSF)
- Referee for INFN, Istituto Nazionale di Fisica Nucleare, Italy
- Referee for ESF, European Science Foundation
- Referee for Vetenskapsrådet, the Swedish Research Council
- Referee for the Danish Resource Council
- Referee for the Serbian Research Ministry
- Referee for the Russian Research Council
- Opponent at several PhD dissertations.
- Member of more than 20 PhD guidance committees at Michigan State University
- Several expert evaluations on promotion applications.
- Member or leader of several job assessment committees in Norway and the USA

Courses, study programs and educational initiatives

I am strongly involved in teaching at all levels. I have been heading the bachelor program Physics, Astronomy and Meteorology (FAM) in the period 2002-2011. I am also strongly involved in the project Computing in Science Education. Furthermore, with European and American colleagues, we have established the recent successful Nuclear Talent initiative.

Since 1999 I have established an activity in computational physics at the Department of Physics at the University of Oslo. I have also started from scratch and developed several courses on computational physics and many-body physics. This activity was recognized with the Excellence in Teaching award from the University of Oslo in 2015. During the last fifteen years I have guided 48 Master of Science of students (28 have continued with PhD studies) and twelve PhD students. I currently supervise twelve Master of Science students at the University of Oslo. I supervise four PhD students at Michigan State University.

With colleagues at the University of Oslo, I have been strongly involved in the development of a totally new teaching philosophy which merges computation with the traditional science amd mathematics curriculum . This project is called Computing in Science Education and has received considerable support from the University of Oslo and the Norwegian Ministry of research and education. It received the University of Oslo award for excellence in teaching in 2011 and the NOKUT award in 2012.

With colleagues from the USA and other European countries, we have started the Nuclear Talent initiate":"http://www.nucleartalent.org", where we aim at providing an advanced and comprehensive training to graduate students and young researchers in low-energy nuclear theory. The network aims at developing a broad curriculum that will provide the platform for a cutting-edge theory for understanding nuclei and nuclear reactions. Within 2016 the initiative has run and developing eleven courses. I chaired the steering committee from its beginning in 2010 till 2015.

I teach now the following courses at the University of Oslo and Michigan State University:

- FYS3150/4150 Computational Physics I, Fall semester, senior undergraduate level (Oslo)
- FYS4411 Computational Physics II: Quantum mechanical systems, M.S and PhD level, Spring semester (Oslo)
- FYS-KJM4480 Quantum mechanics for many-particle systems, M.S. and PhD level, Fall semester (Oslo)
- PHYS981 Nuclear Structure, M.S. and PhD level, Spring semester (MSU)
- PHY480/905 Computational Physics (MSU), Spring semester

Education awards:

1. University of Oslo award for excellence in teaching (all university), 2000
2. University of Oslo award for excellence in teaching for the **Computing in Science Education** project (all university), 2011
3. NOKUT (Norwegian entity of quality assessment in higher education) award for excellence in teaching for the **Computing in Science Education** project, 2012. National award.
4. University of Oslo award for excellence in teaching for developing the Computational Physics group (all university), 2015
5. Favorite graduate teacher at the Department of Physics and Astronomy of Michigan State University, 2016

Present PhD students.

1. John Bower, Michigan State University, started in 2014
2. Justin Lietz, Michigan State University, started in 2013
3. Sam Novario, Michigan State University, started in 2014
4. Fei Yuan, Michigan State University, started in 2013

Present Master of Science Students.

1. Wilhelm Holmen, University of Oslo (2014-2016)
2. Roger Kjøde, University of Oslo, (2014-2016)
3. Håkon Sebatian Mørk, University of Oslo, (2014-2016)
4. Jonas van den Brink, University of Oslo, (2014-2016), co-supervisor
5. Marte Julie Sætra, University of Oslo, (2014-2016), co-supervisor
6. Morten Ledum, University of Oslo, (2015-2017), co-supervisor
7. Håkon Emil Kristiansen, University of Oslo, (2015-2017)
8. Christian Fleischer, University of Oslo, (2015-2017)
9. Håkon Treider Vikør, University of Oslo, (2015-2017)
10. Jon-Andreas Stende, University of Oslo, (2015-2017), co-supervisor
11. Sean Bruce Sangholt Miller, University of Oslo, (2015-2017)
12. Alexander Fleischer, University of Oslo, (2015-2017)

Former PhD students and their present positions.

1. Gustav Baardsen (PhD UiO 2014), now post-doctoral researcher at the Center for Theoretical and Computational Chemistry (CTCC), University of Oslo
2. Simen Kvaal (PhD UiO 2009), now associate professor of chemistry, Department of Chemistry, University of Oslo. Recipient of an ERC starting grant
3. Gustav Jansen (PhD UiO 2012), now permanent position as scientist at the Computational Science Division of Oak Ridge National Laboratory
4. Torquil MacDonald Sørensen (PhD UiO 2012), post-doctoral fellow at the Department of Mathematics, UiO
5. Jon Kerr Nilsen (PhD UiO 2010), senior engineer at the University of Oslo center for information technologies (co-supervisor)
6. Marius Lysebo (PhD UiO 2010), now Associate Professor at Oslo University College, (co-supervisor)
7. Elise Bergli (PhD UiO 2010), teacher Ås high school, Norway
8. Eirik Ovrum (PhD UiO 2007), now Associate Professor at the University College of Southeast of Norway
9. Gaute Hagen (PhD UiB and UiO 2005), now permanent position as scientist at the Physics Division of Oak Ridge National Laboratory. Recipient of the Department of Energy Early career award
10. Maxim Kartamyshev (PhD UiO), now at the Bank of Norway as senior analyst
11. Øystein Elgarøy (PhD UiO 1999), now professor of Theoretical Astrophysics at the University of Oslo, Norway (co-supervisor)
12. Lars Engvik (PhD UiO 1999), now Associate Professor at Sør-Trøndelag University College, Trondheim, Norway, (co-supervisor)

Post-doctoral fellows and their present positions.

1. Andreas Ekstrøm (UiO and MSU 2010-2014), now researcher at Chalmers Technological University in Gothenburg, Sweden
2. Øyvind Jensen (UiO 2011), now researcher at the Institute for Energy Technology
3. Simen Kvaal (UiO 2008-2012), now associate professor of chemistry, Department of Chemistry, University of Oslo. Recipient of an ERC starting grant

4. Elise Bergli (UiO 2010-2011), now teacher at Ås high school, Norway
5. Sølve Selstø (UiO 2008-2010), now Associate Professor at Oslo University College
6. Nicolas Michel (MSU 2013), now senior researcher at Michigan State University

Former Master of Science Students.

1. Wilhelm Holmen, University of Oslo (2014-2016)
2. Roger Kjøde, University of Oslo, (2014-2016)
3. Håkon Sebatian Mørk, University of Oslo, (2014-2016)
4. Jonas van den Brink, University of Oslo, (2014-2016), co-supervisor
5. Marte Julie Sætra, University of Oslo, (2014-2016), co-supervisor
6. Audun Skau Hansen, University of Oslo, (2013-2015)
7. Henrik Eiding, University of Oslo, (2012-2014)
8. Svenn-Arne Dragly, University of Oslo, (2012-2014)
9. Milad Hobbi Mobarhan, University of Oslo, (2012-2014)
10. Ole Tobias Norli, University of Oslo, (2012-2014)
11. Filip Sand, University of Oslo, (2012-2014), co-supervisor
12. Emilie Fjørner, University of Oslo, (2012-2014), co-supervisor
13. Jørgen Høgberget, University of Oslo, (2011-2013)
14. Sarah Reimann, University of Oslo, (2011-2013)
15. Karl Leikganger, University of Oslo, (2011-2013)
16. Sigve Bøe Skattum, University of Oslo, (2011-2013)
17. Veronica Berglyd Hansen, University of Oslo, (2010-2012)
18. Camilla Nestande Kirkemo, University of Oslo, (2010-2012), co-supervisor
19. Christoffer Hirth, University of Oslo, (2009-2011)
20. Marte Hoel Jørgensen, University of Oslo, (2009-2011)
21. Yang Min Wang, University of Oslo, (2009-2011)
22. Ivar Nikolaisen, University of Oslo, (2009-2011)

23. Vegard Amundsen, University of Oslo, (2008-2010)
24. Håvard Sandsdalen, University of Oslo, (2008-2010)
25. Lars Eivind Lervåg, University of Oslo, (2008-2010)
26. Magnus Lohne Pedersen, University of Oslo, (2008-2010)
27. Simen Sørby, University of Oslo, (2008-2010), co-supervisor
28. Sigurd Wenner, University of Oslo, (2008-2010), co-supervisor
29. Lene Norderhaug Drøsdal, University of Oslo, (2007-2009)
30. Islen Vallejo, University of Oslo, (2007-2009)
31. Jacob Kryvi, Norwegian University of Science and Technology, (2007-2009), co-supervisor
32. Rune Albrigtsen, University of Oslo, (2007-2009)
33. Johannes Rekkedal, University of Oslo, (2007-2009)
34. Patrick Merlot, University of Oslo, (2007-2009)
35. Gustav Jansen, University of Oslo, (2006-2008)
36. Ole Petter Harbitz, University of Oslo, (2006-2008)
37. Sutharsan Amurgian, University of Oslo, (2005-2007)
38. Jon Thonstad, University of Oslo, (2005-2007)
39. Espen Flage-Larsen, University of Oslo, (2003-2005)
40. Joachim Berdahl Haga, University of Oslo, (2004-2006)
41. Jon Kerr Nilsen, University of Oslo, (2002-2004)
42. Simen Kvaal, University of Oslo, (2002-2004)
43. Simen Reine Sommerfelt, University of Oslo, (2002-2004)
44. Mateuz Marek Røstad, University of Oslo, (2002-2004)
45. Victoria Popsueva, University of Oslo, (2002-2004)
46. Eivind Brodal, University of Oslo, (2001-2003)
47. Eirik Ovrum, University of Oslo, (2001-2003)
48. Ronny Kjelsberg, Norwegian University of Science and Technology, (2001-2003)

Research, Publications, books, refereed scientific articles, talks and organization of meetings

Books:

1. Morten Hjorth-Jensen, *Computational Physics, an introduction*, to be published by IOP in 2016.

2. Morten Hjorth-Jensen, *Computational Physics, an advanced course*, to be published by IOP in 2016.

3. Morten Hjorth-Jensen, *Nuclear many-body physics, a computational perspective*, in preparation for Taylor Francis.

4. M. Hjorth-Jensen, Maria Paola Lambardo, and Ubirajara Van Kolck (editors), *Computational Nuclear Physics-Bridging the scales, from quarks to neutron stars*, to be published in Lectures Notes in Physics by Springer in 2016.

Publications in journals with a referee system:

1. Erich W. Ormand, Alex B. Brown and Morten Hjorth-Jensen, *First principles calculations for coefficients of the isobaric mass multiplet equation in the fp shell*, in preparation for *Physical Review C*, 2016.

2. Justin Lietz, Sam Novario, Gustav, Jansen, Gaute Hagen, and Morten Hjorth-Jensen, *High-performance computing and infinite nuclear matter*, *Lecture Notes in Physics*, in press, 2016.

3. Fei Yuan, Jørgen Høgberget, Titus Morris, Sam Novario, Nathan Parzuchowski, Sarah Reimann, Scott K. Bogner and Morten Hjorth-Jensen, *First principle calculations of quantum dot systems*, in preparation for Journal of Chemical Physics, 2016.

4. G. Hagen, M. Hjorth-Jensen, G. R. Jansen, T. Papenbrock, *Emergent properties of nuclei from ab initio coupled-cluster calculations*, Focus issues of *Physica Scripta*, 91:063006 (2016).

5. Naofumi Tsunoda, Takaharu Otsuka, Noritaka Shimizu, Morten Hjorth-Jensen, Kazuo Takayanagi, Toshio Suzuki, *Exotic neutron-rich medium-mass nuclei with realistic nuclear forces*, *Physical Review C*, in press

6. G. Hagen, A. Ekstrom, C. Forssen , G. R. Jansen, W. Nazarewicz, T. Papenbrock, K. A. Wendt, S. Bacca, N. Barnea, B. Carlsson, C. Drischler, K. Hebeler, M. Hjorth-Jensen, M. Miorelli, G. Orlandini, A. Schwenk, and J. Simonis, *Charge, neutron, and weak size of the atomic nucleus*, *Nature Physics*, 12:186–190 (2016).

7. A. Ekstrom, G. R. Jansen, K. A. Wendt, G. Hagen, T. Papenbrock, B. D. Carlsson, C. Forssen, M. Hjorth-Jensen, P. Navratil, W. Nazarewicz, *Accurate nuclear radii and binding energies from a chiral interaction*, *Physical Review C*, 91, 051301(R) (2015).

8. A. Ekstrom, B. D. Carlsson, K. A. Wendt, C. Forssén, M. Hjorth-Jensen, R. Machleidt, S. M. Wild, *Statistical uncertainties of a chiral interaction at next-to-next-to leading order*, *Journal of Physics G*, 42:034003 (2015).

9. A. B. Balantekin, J. Carlson, D. J. Dean, G. M. Fuller, R. J. Furnstahl, M. Hjorth-Jensen, R. V. F. Janssens, Bao-An Li, W. Nazarewicz, F. M. Nunes, W. E. Ormand, S. Reddy, B. M. Sherrill , *Nuclear Theory and Science of the Facility for Rare Isotope Beams*, *Modern Physics Letters A*, 29:1430010 (2014).

10. Zs. Vajta, M. Stanoiu, D. Sohler, G. R. Jansen, F. Azaiez, Zs. Dombrádi, O. Sorlin, B. A. Brown, M. Belleguic, C. Borcea, C. Bourgeois, Z. Dlouhy, Z. Elekes, Zs. Fülöp, S. Grévy, D. Guillemaud-Mueller, G. Hagen, M. Hjorth-Jensen, F. Ibrahim, A. Kerek, A. Krasznahorkay, M. Lewitowicz, S. M. Lukyanov, S. Mandal, P. Mayet, J. Mrázek, F. Negoita, Yu.-E. Penionzhkevich, Zs. Podolyák, P. Roussel-Chomaz, M. G. Saint-Laurent, H. Savajols, G. Sletten, J. Timár, C. Timis, and A. Yamamoto, *Excited states in the neutron-rich nucleus 25F, *Physical Review C*, 89:054323 (2014).

11. A. Sanetullaev, M.B. Tsang, W.G. Lynch, Jenny Lee, D. Bazin, K.P. Chan, D. Coupland, V. Henzl, D. Henzlova, M. Kilburn, A.M. Rogers, Z.Y. Sun, M. Youngs, R.J. Charity, L.G. Sobotka, M. Famiano, S. Hudan, D. Shapira, W.A. Peters, C. Barbieri, M. Hjorth-Jensen, M. Horoi, T. Otsuka, T. Suzuki, Y. Utsuno *Neutron spectroscopic factors of 55Ni hole-states from (p,d) transfer reactions*, *Physics Letters B*, 736:137 (2014).

12. G. Hagen, T. Papenbrock, A. Ekstrom, G. Baardsen, S. Gandolfi, K. A. Wendt, M. Hjorth-Jensen, and C. Horowitz, *Coupled-cluster calculations of nucleonic matter*, *Physical Review C*, 89:014319 (2014).

13. T. Papenbrock, G. Hagen, M. Hjorth-Jensen, and D. J. Dean, *Coupled-cluster computations of atomic nuclei*, *Reports on Progress in Physics*, 77:096302 (2014).

14. N. Tsunoda, K. Takayanagi, M. Hjorth-Jensen and T. Otsuka, *Multi-shell effective interactions*, *Physical Review C*, 89:024313 (2014).

15. G. Baardsen, A. Ekstrom, G. Hagen, and M. Hjorth-Jensen, *Coupled-cluster studies of infinite nuclear matter*, *Physical Review C*, 88:054312 (2013).

16. V. M. Bader, A. Gade, D. Weisshaar, T. Baugher, D. Bazin, J. S. Berryman, B. A. Brown, A. Ekstrom, M. Hjorth-Jensen, S. R. Stroberg, W. B. Walters, K. Wimmer, and R. Winkler, *Quadrupole collectivity in neutron-deficient*

Sn nuclei: 104Sn and the role of proton excitations, *Physical Review C*, 88:051301(R) (2013).

17. A. Ekstrom, G. Baardsen, C. Forss'en, G. Hagen, M. Hjorth-Jensen, G. R. Jansen, R. Machleidt, W. Nazarewicz, T. Papenbrock, J. Sarich, and S. M. Wild, *An optimal chiral interaction at next-to-next-to leading order*, *Physical Review Letters*, 110:192502 (2013).

18. Lepailleur, A. and Sorlin, O. and Caceres, L. and Bastin, B. and Borcea, C. and Borcea, R. and Brown, B. A. and Gaudefroy, L. and Gr'evy, S. and Grinyer, G. F. and Hagen, G. and Hjorth-Jensen, M. and Jansen, G. R. and Llidoo, O. and Negoita, F. and de Oliveira, F. and Porquet, M.-G. and Rotaru, F. and Saint-Laurent, M.-G. and Sohler, D. and Stanoiu, M. and Thomas, J. C., *Spectroscopy of 26F to Probe Proton-Neutron Forces Close to the Drip Line*, *Physical Review Letters*, 110:082502 (2013).

19. D. D. DiJulio, J. Cederkall, C. Fahlander, A. Ekstrom, M. Hjorth-Jensen, M. Albers, V. Bildstein, A. Blazhev, I. Darby, T. Davinson, H. De Witte, J. Diriken, Ch. Fransen, K. Geibel, R. Gernhäuser, A. Görgen, H. Hess, K. Heyde, J. Iwanicki, R. Lutter, P. Reiter, M. Scheck, M. Seidlitz, S. Siem, J. Taprogge, G. M. Tveten, J. Van de Walle, D. Voulot, N. Warr, F. Wenander, and K. Wimmer *Coulomb excitation of 107In*, *Physical Review C*, 87:017301 (2013).

20. C. Forssen, G. Hagen, M. Hjorth-Jensen, W. Nazarewicz, and J. Rotureau, *Living on the edge of stability, the limits of the nuclear landscape*, *Physica Scripta*, T152:014022 (2013).

21. Liddick, S. N. and Abromeit, B. and Ayres, A. and Bey, A. and Bingham, C. R. and Brown, B. A. and Cartegni, L. and Crawford, H. L. and Darby, I. G. and Grzywacz, R. and Ilyushkin, S. and Hjorth-Jensen, M. and Larson, N. and Madurga, M. and Miller, D. and Padgett, S. and Paulauskas, S. V. and Rajabali, M. M. and Rykaczewski, K. and Suchyta, S., * Low-energy level schemes of 66,68Fe and inferred proton and neutron excitations across $Z = 28$ and $N = 40$*, *Physical Review C*, 87:014325, 2013.

22. D. D. DiJulio, J. Cederkall, C. Fahlander, A. Ekstrom, M. Hjorth-Jensen, M. Albers, V. Bildstein, A. Blazhev, I. Darby, T. Davinson, H. De Witte, J. Diriken, Ch. Fransen, K. Geibel, R. Gernhauser, A. Gorgen, H. Hess, J. Iwanicki, R. Lutter, P. Reiter, M. Scheck, M. Seidlitz, S. Siem, J. Taprogge, G.M. Tveten, J. Van de Walle, D. Voulot, N. Warr, F. Wenander, and K. Wimmer, *Excitation strengths in 109Sn: Single-neutron and collective excitations near 100Sn*, *Physical Review C*, 86:031302(R), 2012.

23. D. D. DiJulio, J. Cederkall, C. Fahlander, A. Ekstrom, M. Hjorth-Jensen, M. Albers, V. Bildstein, A. Blazhev, I. Darby, T. Davinson, H. De Witte, J. Diriken, Ch. Fransen, K. Geibel, R. Gernhauser, A. Gorgen, H. Hess, J. Iwanicki, R. Lutter, P. Reiter, M. Scheck, M. Seidlitz, S. Siem, J. Taprogge,

G.M. Tveten, J. Van de Walle, D. Voulot, N. Warr, F. Wenander, and K. Wimmer, *Coulomb excitation of 107Sn*, *European Journal of Physics A*, 48:105, 2012.

24. Gaute Hagen, Morten Hjorth-Jensen, Gustav Ragnar Jansen, Ruprecht Machleidt, and Thomas Papenbrock, *Evolution of shell structure in neutron-rich calcium isotopes*, *Physical Review Letters*, 109:032502, 2012.

25. Gaute Hagen, Morten Hjorth-Jensen, Gustav Ragnar Jansen, Ruprecht Machleidt, and Thomas Papenbrock, *Continuum effects and three-nucleon forces in neutron-rich oxygen isotopes*, *Physical Review Letters*, 108:242501, 2012.

26. Torres, D. A. and Kumbartzki, G. J. and Sharon, Y. Y. and Zamick, L. and Manning, B. and Benczer-Koller, N. and Speidel, K.-H. and Ahn, T. and Anagnostatou, V. and Elvers, M. and Goddard, P. and Heinz, A. and Ilie, G. and Radeck, D. and Savran, D. and Werner, V. and Gurdal, G. and Taylor, M. J. and Maier-Komor, P. and Hjorth-Jensen, M. and Robinson, S. J. Q. *Measurement of the 96Ru g-factor and its nuclear structure interpretation. Physical Review C*, 85:017305, 2012.

27. Torres, D. A. and Kumbartzki, G. J. and Sharon, Y. Y. and Zamick, L. and Manning, B. and Benczer-Koller, N. and Gurdal, G. and Speidel, K.-H. and Hjorth-Jensen, M. and Maier-Komor, P. and Robinson, S. J. Q. and Ahn, T. and Anagnostatou, V. and Elvers, M. and Goddard, P. and Heinz, A. and Ilie, G. and Radeck, D. and Savran, D. and Werner, V. *First g-factor measurements of the 2+ and the 4+ states of radioactive 100Pd. Physical Review C*, 84:044327, 2011.

28. Naofumi Tsunoda, Takaharu Otsuka, Koshiroh Tsukiyama, and Morten Hjorth-Jensen *Renormalization persistency of the tensor force in nuclei. Physical Review C*, 84:044322, 2011.

29. O. Jensen, Gaute Hagen, Morten Hjorth-Jensen, Alex Boyd Brown, and Alexandra Gade *Quenching of spectroscopic factors for proton removal in oxygen isotopes*, *Physical Review Letters*, 107:032501, 2011.

30. Magnus Pedersen Lohne, Gaute Hagen, Morten Hjorth-Jensen, Simen Kvaal, and Francesco Pederiva, *Ab initio calculations of Circular quantum dots. Physical Review B*, 84:032501, 2011.

31. Elise Bergli and Morten Hjorth-Jensen, *Summation of Parquet diagrams as an *ab initio* method in nuclear structure calculations*, *Annals of Physics*, 326:1125, 2011.

32. Gustav Ragnar Jansen, Morten Hjorth-Jensen, Gaute Hagen, and Thomas Papenbrock, *Toward open-shell nuclei with coupled-cluster theory. Physical Review C*, 83:054306, 2011.

33. Morten Hjorth-Jensen, *The Carbon Challenge*, *Physics*, 4:38, 2011.

34. O. Jensen, G. Hagen, M. Hjorth-Jensen, and J. S. Vaagen, *Closed-shell properties of 24O with ab initio coupled-cluster theory*, *Physical Review C*, 83:021305, 2011.

35. Angelo Signoracci, B. Alex Brown, and Morten Hjorth-Jensen, *Renormalized interactions with a realistic single-particle basis*, *Physical Review C*, 83:024315, 2011.

36. Boyd Alexander Brown, Angelo Signoracci, and Morten Hjorth-Jensen, *Configuration interactions constrained by energy density functionals*, *Physics Letters B*, 695:507, 2011.

37. G. Hagen, T. Papenbrock, D. J. Dean, and M. Hjorth-Jensen, *Ab initio coupled-cluster approach to nuclear structure with modern nucleon-nucleon interactions, *Phys. Rev. C*, 82(3):034330, 2010.

38. L. Atanasova, Dimiter Balabanski, S. K. Chamoli, M. Hass, G. S. Simpson, D. Bazzacco, F. Becker, P. Bednarczyk, G. Benzoni, N. Blasi, A. Blazhev, A. Bracco, C. Brandau, L. Caceres, F. Camera, F. C. L. Crespi, P. Detistov, P. Doornenbal, C. Fahlander, E. Farnea, G. Georgiev, J. Gerl, K. A. Gladnishki, M. Gorska, J. Grebosz, R. Hoischen, G. Ilie, M. Ionescu-Bujor, A. Iordachescu, A. Jungclaus, G. Bianco, M. Kmiecik, I. Kojouharov, N. Kurz, S. Lakshmi, R. Lozeva, A. Maj, D. Montanari, G. Neyens, M. Pfuetzner, S. Pietri, Z. Podolyak, W. Prokopowicz, D. Rudolph, G. Rusev, T. Saito, A. Saltarelli, H. Schaffner, R. Schwengner, S. Tashenov, J. J. Valiente-Dobon, N. Vermeulen, J. Walker, E. Werner-Malento, O. Wieland, H. J. Wollersheim, H. Grawe, and Morten Hjorth-Jensen. *g-factor measurements at RISING: The cases of 127Sn and 128Sn. Europhysics letters*, 91:42001, 2010.

39. I. Darby, R. Grzywacz, J. C. Batchelder, C. R. Bingham, L. Cartegni, C. J. Gross, Morten Hjorth-Jensen, D. T. Joss, S. N. Liddick, W. Nazarewicz, S. Padgett, R. D. Page, Thomas Papenbrock, M. M. Rajabali, J. Rotureau, and K. P. Rykaczewski, *Orbital Dependent Nucleonic Pairing in the Lightest Known Isotopes of Tin. Physical Review Letters*, 105:162502, 2010.

40. A. Ekstrom, Joakim Cederkall, Claes Fahlander, Morten Hjorth-Jensen, Torgeir Engeland, Peter Butler, P. A. Butler, T. Davinson, J. Eberth, F. Finke, Andreas Gorgen, M. Gorska, A. M. Hurst, O. Ivanov, J. Iwanicki, U. Koster, B. A. Marsh, J. Mierzejewski, P. Reiter, Sunniva Siem, G. Sletten, I. Stefanescu, Gry Merete Tveten, J. Van de Walle, D. Voulot, N. Warr, D. Weisshaar, F. Wenander, and M. Zielinska, *Coulomb excitation of the odd-odd isotopes 106In and 108In*, *European Physical Journal A*, 44:355, 2010.

41. Gaute Hagen, Thomas Papenbrock, and Morten Hjorth-Jensen, *Ab Initio Computation of the 17F Proton Halo State and Resonances in A=17 Nuclei*, *Physical Review Letters*, 104:182501, 2010.

42. Morten Hjorth-Jensen, David Jarvis Dean, G. Hagen, and Simen Kvaal, *Many-body interactions and nuclear structure*, *Journal of Physics G: Nuclear and Particle Physics*, 37:064035, 2010.

43. N. Hoteling, C. Chiara, R. Broda, W. B. Walters, R. V. F. Janssens, Morten Hjorth-Jensen, M. B. Carpenter, B. Fornal, A. A. Hecht, W. Krolas, T. Lauritsen, T. Pawlat, D. Seweryniak, X. Wang, A. Wohr, J. Wrzesinski, and S. Zhu. *Structure of 60,62Fe and the onset of nug*$(9/2)$ *occupancy*, *Physical Review C*, 82:044305, 2010.

44. Takahuro Otsuka, Toshio Suzuki, Micho Honma, Yutaka Utsuno, Naofumi Tsunoda, Koshiroh Tsukiyama, and Morten Hjorth-Jensen, *Novel Features of Nuclear Forces and Shell Evolution in Exotic Nuclei*, *Physical Review Letters*, 104:012501, 2010.

45. C. Barbieri and Morten Hjorth-Jensen, *Quasiparticle and quasihole states of nuclei around 56Ni*, *Physical Review C*, 79:064313, 2009.

46. A. Ekstrom, J. Cederkall, D. D. DiJulio, C. Fahlander, Morten Hjorth-Jensen, A. Blazhev, B. Bruyneel, P. A. Butler, T. Davinson, J. Eberth, C. Fransen, K. Geibel, H. Hess, O. Ivanov, J. Iwanicki, O. Kester, J. Kownacki, U. Koster, B. A. Marsh, P. reiter, M. Scheck, B. Siebeck, Sunniva Siem, I. Stefanescu, Heidi Kristine Toft, Gry Merete Tveten, J. Van de Walle, D. Voulot, N. Warr, D. Weisshaar, F. Wenander, K. Wrzosek, and M. Zielinska, *Electric quadrupole moments of the 2+ states in 100,102,104Cd*, *Physical Review C*, 80:054302, 2009.

47. G. Hagen, T. Papenbrock, D. J. Dean, Morten Hjorth-Jensen, and B. V. Asokan, *Ab initio computation of neutron-rich oxygen isotopes*, *Physical Review C*, 80:021306, 2009.

48. Micho Honma, Takahuro Otsuka, T. Mizusaki, and Morten Hjorth-Jensen, *New effective interaction for fpg-shell nuclei. Physical Review C*, 80:064323, 2009.

49. Koshiroh Tsukiyama, Morten Hjorth-Jensen, and Gaute Hagen, *Gamow shell-model calculations of drip-line oxygen isotopes. Physical Review C*, 80:051301(R), 2009.

50. David J. Dean, Gaute Hagen, Morten Hjorth-Jensen, and Thomas Papenbrock, * Computational aspects of nuclear coupled-cluster theory*. *Computational Science and Discovery*, 1:015008, 2008.

51. David J. Dean, Gaute Hagen, Morten Hjorth-Jensen, Thomas Papenbrock, and Achim Schwenk, *Comment on Ab initio study of 40Ca with an importance-truncated no-core shell model. Physical Review Letters*, 101:119201, 2008.

52. A. Ekstrom, J. Cederkall, C. Fahlander, Morten Hjorth-Jensen, F. Ames, P. A. Butler, T. Davinson, J. Eberth, F. Fincke, A. Gorgen, M. Gorska, D. Habs, A. M. Hurst, M. Huyse, O. Ivanov, J. Iwanicki, O. Kester, U. Koster, B. A. Marsh, J. Mierzejewski, P. Reiter, H. Scheit, D. Schwalm, Sunniva Siem, G. Sletten, I. Stefanescu, Gry Merete Tveten, J. V. de Walle, P. Van Duppen, D. Voulot, N. Warr, D. Weisshaar, F. Wenander, and M. Zielinska. *Transition strengths in 106Sn and 108Sn*, *Physical Review Letters*, 101:01250, 2008.

53. Gaute Hagen, Thomas Papenbrock, David J. Dean, and Morten Hjorth-Jensen, *Medium-Mass Nuclei from Chiral Nucleon-Nucleon Interactions*, *Physical Review Letters*, 101:092502, 2008.

54. N. Hoteling, W. B. Walters, R. V. F. Janssens, R. Broda, M. P. Carpenter, B. Fornal, A. A. Hecht, Morten Hjorth-Jensen, W. Krolas, T. Lauritsen, T. Pawlat, D. Seweryniak, J. R. Stone, X. Wang, A. Wohr, J. Wrzesinski, and S. Zhu, *Rotation-aligned coupling in 61Fe*, *Physical Review C*, 77:044314, 2008.

55. J. Cederkall, A. Ekstrom, C. Fahlander, A. M. Hurst, Morten Hjorth-Jensen, F. Ames, A. Banu, P. A. Butler, T. Davinson, U. D. Pramanik, J. Eberth, S. Franchoo, G. Georgiev, M. Gorska, D. Habs, M. Huyse, O. Ivanov, J. Iwanicki, O. Kester, U. Koster, B. A. Marsh, O. Niedermaier, T. Nilsson, P. Reiter, H. Scheit, D. Schwalm, T. Sieber, G. Sletten, I. Stefanescu, J. V. de Walle, P. Van Duppen, N. Warr, D. Weisshaar, and F. Wenander, *Sub-barrier Coulomb excitation of 110Sn and its implications for the 100Sn shell closure*, *Physical Review Letters*, 98:172501, 2007.

56. Gaute Hagen, David J. Dean, Morten Hjorth-Jensen, and Thomas Papenbrock, *Complex coupled-cluster approach to an ab-initio description of open quantum systems*, *Physics Letters B*, 656:169, 2007.

57. Gaute Hagen, David J. Dean, Morten Hjorth-Jensen, Thomas Papenbrock, and Achim Schwenk, *Benchmark calculations for 3H, 4He, 16O, and 40Ca with ab initio coupled-cluster theory. Physical Review C*, 76:044305, 2007.

58. Maxim Kartamychev, Torgeir Engeland, Morten Hjorth-Jensen, and Eivind Osnes, *Effective interactions and shell model studies of heavy tin isotopes*, *Physical Review C*, 76:024313, 2007.

59. Simen Kvaal, Morten Hjorth-Jensen, and Halvor Moll Nilsen, *Effective interactions, large-scale diagonalization, and one-dimensional quantum dots*, *Physical Review B*, 76:085421, 2007.

60. C. Vaman, C. Andreoiu, D. Bazin, A. Becerril, B. A. Brown, C. M. Campbell, A. Chester, J. M. Cook, D. C. Dinca, A. Gade, D. Galaviz, T. Glasmacher, Morten Hjorth-Jensen, M. Horoi, D. Miller, V. Moeller, W. F. Mueller, A. Schiller, K. Starosta, A. Stolz, J. R. Terry, A. Volya, V.

Zelevinsky, and H. Zwahlen. *Z=50 shell gap near 100Sn from intermediate-energy coulomb excitations in even-mass 106-112Sn isotopes*, *Physical Review Letters*, 99:162501, 2007.

61. Jeffrey Grour, Piotr Piecuch, Morten Hjorth-Jensen, Marta Wloch, and David Jarvis Dean, *Coupled-cluster calculations for valence systems around 16O*, *Physical Review C*, 74:024310, 2006.

62. Gaute Hagen, Morten Hjorth-Jensen, and Michel Nicolas, *Gamow shell model and realistic nucleon-nucleon interactions*, *Physical Review C*, 73:064307, 2006.

63. Nathan Hoteling, W. B. Walters, R. V. F. Janssens, R. Broda, M. F. Carpenter, B. Fornal, A. A. Hecht, Morten Hjorth-Jensen, W. Krolas, T. Lauritzen, T. Pawlat, D. Seweryniak, X. Wang, A. Wohr, J. Wrzesinski, and S. Zhu. *Yrast structure of 64Fe. Physical Review C*, 74:064313, 2006.

64. J. Leske, K. H. Speidel, S. Schielke, J. Gerber, P. Maier-Komor, Torgeir Engeland, and Morten Hjorth-Jensen, *Experimental g-factor and B(E2) value of the 4+ state in Coulomb-excited 66Zn compared to shell-model predictions. Physical Review C*, 73:064305, 2006.

65. A. Banu, J. Gerl, C. Fahlander, M. Gorska, H. Grawe, H. J. Wollersheim, E. Caurier, Torgeir Engeland, A. Gniady, Morten Hjorth-Jensen, F. Nowacki, T. Beck, F. Becker, P. Bednarczyk, M. A. Bentley, A. Burger, F. Cristancho, G. de Angelis, Z. Dombradi, P. Doornenbal, H. Geissel, J. Grebosz, G. Hammond, M. Hellstrom, J. Jolie, I. Kojouharov, N. Kurz, R. Lozeva, S. Mandal, N. Marginean, S. Muralithar, J. Nyberg, J. Pochodzalla, W. Prokopowicz, P. Reiter, D. Rudolph, C. Rusu, N. Saito, H. Schaffner, D. Sohler, H. Weick, C. Wheldon, and M. Winkler, *108Sn studied with intermediate-energy Coulomb excitation*, *Physical Review C*, 72:061305, 2005.

66. Boyd Alexander Brown, Nick Stone, Irena Stone, Ian Towner, and Morten Hjorth-Jensen, *Magnetic moments of the 2+ states around 132Sn*, *Physical Review C*, 71:044317, 2005.

67. Paul Ellis, Torgeir Engeland, Morten Hjorth-Jensen, Maximx Kartamyshev, and Eivind Osnes, *Model calculation of effective three-body forces*, *Physical Review C*, 71:034301, 2005.

68. Gaute Hagen, Morten Hjorth-Jensen, and Jan S. Vaagen, *Effective interaction techniques for the Gamow shell model*, *Physical Review C*, 71:044314, 2005.

69. J. K. Leske, Karl-heinz Speidel, S. Schielke, J. Gerber, P. Maier-komor, Morten Hjorth-Jensen, and Torgeir Engeland, *Physical Review C*, 72:044301, 2005.

70. Jon Kristian Nilsen, Jordi Mur-Petit, Muntsa Guilleumas, Morten Hjorth-Jensen, and Artur Polls, *Vortices in atomic Bose-Einstein condensates in the large-gas-parameter region*, *Physical Review A*, 71:053610, 2005.

71. D. Sohler, M. Palacz, Z. Dombradi, Morten Hjorth-Jensen, C. Fahlander, L. O. Norlin, J. Nyberg, T. Back, K. Lagergren, D. Rudolph, A. Algora, C. Andreoiu, G. de Angelis, A. Atac, D. Bazzacco, J. Cederkall, B. Cederwall, B. Fant, E. Farnea, A. Gadea, M. Gorska, H. Grawe, N. Hashimito-Saitoh, A. Johnson, A. Kerek, W. Klamra, J. Kownacki, S. M. Lenzi, A. Likar, M. Lipoglavsek, M. Moszynski, D. R. Napoli, C. Rossi-Alvarez, H. A. Roth, T. Saitoh, D. Seweryniak, O. Skeppstedt, J. Timar, M. Weisflog, and M. Wolinska, *Maximally aligned states in the proton drip line nucleus 106Sb*, *Nuclear Physics A*, 753:251, 2005.

72. Marta Wloch, David J. Dean, Jeffrey Grour, Morten Hjorth-Jensen, Karol Kowalski, Thomas Papenbrock, and Piotr Piecuch, *Ab-initio coupled-cluster study of 16O*, *Physical Review Letters*, 94:212501, 2005.

73. David J. Dean, Torgeir Engeland, Morten Hjorth-Jensen, Maxim Kartamychev, and Eivind Osnes, *Effective interactions and the nuclear shell-model*, *Progress in Particle and Nuclear Physics*, 53:419, 2004.

74. Haavar Gausemel, Birger Fogelberg, Torgeir Engeland, Morten Hjorth-Jensen, Per Hoff, Hendryk Mach, K. A. Mezilev, and Jon Petter Omtvedt, *Decay of 127In and 129In*, *Physical Review C*, 69:054307, 2004.

75. Gaute Hagen, Jan S. Vaagen, and Morten Hjorth-Jensen, *The contour deformation method in momentum space, applied to subatomic physics*, *Journal of Physics A: Mathematical and General*, 37:8991, 2004.

76. Karol Kowalski, David J. Dean, Morten Hjorth-Jensen, Thomas Papenbrock, and Piotr Piecuch, *Coupled cluster calculations of ground and excited states of nuclei*, *Physical Review Letters*, 92:132501, 2004.

77. David J. Dean and Morten Hjorth-Jensen, *Pairing in nuclear systems: from neutron stars to finite nuclei*, *Reviews of Modern Physics*, 75:607, 2003.

78. I. Dillmann, K. L. Kratz, A. Wohr, O. Arndt, B. A. Brown, Per Hoff, Morten Hjorth-Jensen, U. Koster, A. Ostrowski, B. Pfeiffer, D. Seweryniak, J. Shergur, and W. B. Walters, *N=82 shell-quenching of the classical r-process waiting-point 130Cd. Physical Review Letters*, 91:162503, 2003.

79. Magne Guttormsen, Rositsa Chankova, Morten Hjorth-Jensen, John Bernhard Rekstad, Sunniva Siem, Andreas Schiller, and David J. Dean, *Free energy and criticality in the nucleon pair breaking process*, *Physical Review C*, 68:034311, 2003.

80. A. Schiller, Emel Algin, Lee Bernstein, P. E. Garrett, Magne Guttormsen, Morten Hjorth-Jensen, C. W. Johnson, Gary Mitchell, John Bernhard Rekstad, Sunniva Siem, Alexander Voinov, and William Younes, *Level densities in 56,57Fe and 96,97Mo*, *Physical Review C*, 68:054326, 2003.

81. N. Fotiades, J. A. Cizewski, J. A. Becker, A. Bernstein, D. P. Mcnabb, William Younes, R. M. Clark, P. Fallon, I. Y. Lee, A. O. Macchiavelli, Anne Holt, and Morten Hjorth-Jensen, *High-spin excitations in 92,93,94,95Zr*, *Physical Review C*, 65:044303, 2002.

82. M. Lipoglavsek, C. Baktash, Jan Blomqvist, David J. Dean, Torgeir Engeland, C. Fahlander, Morten Hjorth-Jensen, Robert V. F. Janssens, A. Likar, Eivind Osnes, and S. D. Paul, *Break-up of the Doubly-magic 100Sn core*, *Physical Review C*, 66:011302, 2002.

83. M. Lipoglavsek, C. Baktash, M. P. Carpenter, David J. Dean, Torgeir Engeland, C. Fahlander, Morten Hjorth-Jensen, and Eivind Osnes, *Excited states of the proton emitter 105Sb, *Physical Review C*, 65:051037, 2002.

84. M. Lipoglavsek, C. Baktash, M. P. Carpenter, David J. Dean, Torgeir Engeland, Morten Hjorth-Jensen, and Eivind Osnes, *Core excitations in 102In*, *Physical Review C*, 65:021302(R), 2002.

85. J. J. Ressler, W. B. Walters, C. N. Davids, David J. Dean, Andreas Heinz, Morten Hjorth-Jensen, D. Seweryniak, and J. Shergur, *First observation of 109Te β^+ and electron capture decay of 109Sb*, *Physical Review C*, 66:024308, 2002.

86. Andreas Schiller, Magne Guttormsen, Morten Hjorth-Jensen, John Bernhard Rekstad, and Sunniva Siem, *Model for pairing phase transition in atomic nuclei*, *Physical Review C*, page 024315, 2002.

87. J. Shergur, B. A. Brown, V. N. Fedosseev, U. K?ster, K. L. Kratz, D. Seweryniak, W. B. Walters, A. Wohr, D. Fedorov, M. Hannawald, Morten Hjorth-Jensen, V. Mishin, B. Pfeiffer, J. J. Ressler, H. O. U. Fynbo, and Per Hoff, *Beta decay studies of 135-137Sn using selective reonace laser ionization techniques*, *Physical Review C*, 65:034313, 2002.

88. Magne Guttormsen, Morten Hjorth-Jensen, Elin Melby, John Bernhard Rekstad, Andreas Schiller, and Sunniva Siem, *Heat capacity and pairing transition in nuclei*, *Physical Review C*, 64:034319, 2001.

89. Andreas Schiller, Amund Bjerve, Magne Guttormsen, Morten Hjorth-Jensen, Finn Ingebretsen, Elin Melby, John Bernhard Rekstad, Sunniva Siem, and Stein Westad Odegaard, *The critical temperature for quenching of pair correlations*, *Physical Review C*, 63:021306, 2001.

90. Teemu Siiskonen, Morten Hjorth-Jensen, and Jouni Suhonen, *Renormalization of the weak hadronic current in the nuclear medium*, *Physical Review C*, 63:024315, 2001.

91. Torgeir Engeland, Morten Hjorth-Jensen, and Eivind Osnes, *Shell model studies of the proton drip line nucleus 106Sb*, *Physical Review C*, 61:00010(R), 2000.

92. Magne Guttormsen, Amund Bjerve, Morten Hjorth-Jensen, Elin Melby, John Bernhard Rekstad, Andreas Schiller, Sunniva Siem, and Alexandar Belic, *Entropy in hot 161,162Dy and 171,172Yb nuclei*, *Physical Review C*, C62:024306, 2000.

93. Magne Guttormsen, Morten Hjorth-Jensen, Elin Melby, John Bernhard Rekstad, Andreas Schiller, and Sunniva Siem, *Energy shifted level density in the rare earth region*, *Physical Review C*, 61:067302, 2000.

94. Magne Guttormsen, Morten Hjorth-Jensen, Elin Melby, John Bernhard Rekstad, Andreas Schiller, and Sunniva Siem, *Entropy of thermally excited particles in nuclei*, *Physical Review C*, 63:024315, 2000.

95. Henning Heiselberg and Morten Hjorth-Jensen, *Phases of dense matter in neutron stars*, *Physics Reports*, 328:237, 2000.

96. Anne Holt, Torgeir Engeland, Morten Hjorth-Jensen, and Eivind Osnes, *Applications of realistic effective interactions to the structure of Zr isotopes*, *Physical Review C*, 61:024315, 2000.

97. M. Tomaselli, M. Hjorth-Jensen, S. Fritzsche, P. Egelhof, S. R. Neumaier, M. Mutterer, T. Kuhl, A. Dax, and H. Wang, *Matter and charge distributions of 6He and 5,6,7,9Li within the dynamic-correlation model*, *Physical Review C*, 62:067305, 2000.

98. Isaac Vidanya, Artur Polls, Angels Ramos, Lars Engvik, and Morten Hjorth-Jensen, *Properties of beta-stable neutron star matter with hyperons*, *Physical Review C*, 62:024315, 2000.

99. Isaac Vidanya, Artur Polls, Angels Ramos, Morten Hjorth-Jensen, and V. G. J. Stoks, *Strange nuclear matter within the Brueckner-Hartree-Fock theory*, *Physical Review C*, 61:024315, 2000.

100. David J. Dean, M. T. Ressell, Morten Hjorth-Jensen, S. E. Koonin, K. Langanke, and A. P. Zuker, *Shell model Monte Carlo studies of neutron-rich nuclei in the 1s0d-1p0f shells*, *Physical Review C*, 59:2474, 1999.

101. Henning Heiselberg and Morten Hjorth-Jensen, *Phase transitions in neutron stars and maximum masses*, *Astrophysical Journal Letters*, 525:L45, 1999.

102. S. M. Vincent, P. H. Regan, S. Mohammadi, D. Blumenthal, M. Carpenter, C. N. Davids, W. Gelletly, S. S. Ghugre, D. J. Henderson, R. V. F. Janssens, M. Hjorth-Jensen, B. Kharraja, C. J. Lister, C. J. Pearson, D. Seweryniak, J. Schwartz, J. Simpson, and D. D. Warner, *Near yrast study of the fpg shell nuclei 58Ni, 61Cu and 61Zn*, *Physical Review C*, 60:064308, 1999.

103. Elin Melby, Lisbeth Bergholt, Magne Guttormsen, Morten Hjorth-Jensen, Finn Ingebretsen, Svein Messelt, John Bernhard Rekstad, Andreas Schiller, Sunniva Siem, and Stein Westad Odegaard, *Observation of thermodynamical properties in the 162Dy, 166Er, 172Yb nuclei*, *Physical Review Letters*, 83:3150, 1999.

104. Teemu Siiskonen, Jouni Suhonen, and Morten Hjorth-Jensen, *Shell-model effective operators for muon capture in 20Ne*, *Journal of Physics G: Nuclear and Particle Physics*, 25:L55, 1999.

105. Teemu Siiskonen, Jouni Suhonen, and Morten Hjorth-Jensen, *Towards the solution of the C_P/C_A anomaly in shell-model calculations of muon capture*, *Physical Review C*, 59:R1839, 1999.

106. Marcello Baldo, Oystein Elgaroy, Lars Engvik, Morten Hjorth-Jensen, and Hans-Josef Schulze, *Modern nucleon-nucleon potentials and $^3P_2$–$^3F_2$ pairing in neutron matter*, *Physical Review C*, 58:1921, 1998.

107. Oystein Elgaroy, Lars Engvik, Morten Hjorth-Jensen, and Eivind Osnes, *Minimal relativity and $^3S_1$–$^3D_1$ pairing in symmetric nuclear matter*, *Physical Review C*, 57:1069, 1998.

108. Oystein Elgaroy and Morten Hjorth-Jensen, *Nucleon-nucleon phase shifts and pairing in infinite matter*, *Physical Review C*, 57:1174, 1998.

109. R. Grzywacz, R. Beraud, C. Borcea, A. Ensallem, M. Glogowski, H. Grawe, D. Guillemaud-Mueller, Morten Hjorth-Jensen, M. Houry, M. Lewitowicz, A. C. Mueller, A. Nowak, and A. Plochocki, *New island of mus-isomers in neutron-rich nuclei around the $Z = 28$ and $N = 40$ shell closures*, *Physical Review Letters*, 81:766, 1998.

110. Henning Heiselberg and Morten Hjorth-Jensen, *Phase transitions in rotating neutron stars*, *Physical Review Letters*, 80:5485, 1998.

111. Anne Holt, Torgeir Engeland, Morten Hjorth-Jensen, and Eivind Osnes, *Shell-model calculations of heavy Sn isotopes*, *Nuclear Physics A*, 634:41, 1998.

112. Artur Polls, Herbert Muther, Ruprecht Machleidt, and Morten Hjorth-Jensen, *Phaseshift equivalent NN potentials and the deuteron*, *Physics Letters B*, 432:1, 1998.

113. Jouni Suhonen, Jussi Toivanen, Torgeir Engeland, Morten Hjorth-Jensen, Anne Holt, and Eivind Osnes, *Study of odd-mass $N = 82$ isotones: comparison of the microscopic quasiparticle-phonon model and the nuclear shell model*, *Nuclear Physics A*, 628:41, 1998.

114. Isaac Vidanya, Artur Polls, Angels Ramos, and Morten Hjorth-Jensen, *Hyperon properties in finite nuclei using realistic YN interactions*, *Nuclear Physics A*, 644:201, 1998.

115. G. N. White, N. J. Stone, J. Rikovska, Y. Koh, J. Copell, T. J. Giles, I. S. Towner, B. A. Brown, S. Ohya, Birger Fogelberg, L. Jacobsson, P. Rahkila, and Morten Hjorth-Jensen, *Ground state magnetic dipole moment of 135I*, *Nuclear Physics A*, 644:277, 1998.

116. Fabio V. de Blasio, Morten Hjorth-Jensen, Oystein Elgaroy, Lars Engvik, Gianluca Lazzari, Marcello Baldo, and Hans-Josef Schulze, *Coherence lengths of neutron superfluids*, *Physical Review C*, 56:2332, 1997.

117. Lars Engvik, Morten Hjorth-Jensen, Ruprecht Machleidt, Herbert Muther, and Artur Polls, *Modern nucleon-nucleon potentials and symmetry energy in infinite matter*, *Nuclear Physics A*, 627:85, 1997.

118. Lars Engvik, Morten Hjorth-Jensen, Eivind Osnes, and T. Kuo, *Ring-diagram calculations of nuclear matter with different model spaces*, *Nuclear Physics A*, 622:553, 1997.

119. Anne Holt, Torgeir Engeland, Morten Hjorth-Jensen, Eivind Osnes, and Jouni Suhonen, *The structure of the $N = 82$ isotones with realistic effective interactions*, *Nuclear Physics A*, 618:107, 1997.

120. N. Sandulescu, Roberto Liotta, Jan Blomqvist, Torgeir Engeland, Morten Hjorth-Jensen, Anne Holt, and Eivind Osnes, *Generalized seniority scheme in light tin isotopes*, *Physical Review C*, 55:2708, 1997.

121. Lars Engvik, Morten Hjorth-Jensen, Eivind Osnes, G. Bao, and Erlend Ostgaard, *Asymmetric Nuclear Matter and Neutron Star Properties*, *Astrophysical Journal*, 469:794, 1996.

122. Alessandro Drago, Umberto Tambini, and Morten Hjorth-Jensen, *Massive quarks in neutron stars*, *Physics Letters B*, 380:13, 1996.

123. Oystein Elgaroy, Lars Engvik, Morten Hjorth-Jensen, and Eivind Osnes, *Model-space approach to $^1S_0$ neutron and proton pairing in neutron star matter with the Bonn meson-exchange potentials*, *Nuclear Physics A*, 604:466, 1996.

124. Oystein Elgaroy, Lars Engvik, Morten Hjorth-Jensen, and Eivind Osnes, *Superfluidity in beta-stable neutron star matter*, *Physical Review Letters*, 77:1428, 1996.

125. Oystein Elgaroy, Lars Engvik, Morten Hjorth-Jensen, and Eivind Osnes, *Triplet pairing of neutrons in beta-stable neutron star matter. Nuclear Physics A*, 607:425, 1996.

126. Oystein Elgaroy, Lars Engvik, Eivind Osnes, Fabio V. de Blasio, Gianluca Lazzari, and Morten Hjorth-Jensen, *Emissivities of neutrinos in neutron stars*, *Physical Review Letters*, 76:1994, 1996.

127. Oystein Elgaroy, Lars Engvik, Eivind Osnes, Fabio V. de Blasio, Gianluca Lazzari, and Morten Hjorth-Jensen, *Superfluidity and neutron star crust matter*, *Physical Review D. Particles and fields*, 54:1848, 1996.

128. Morten Hjorth-Jensen, Herbert Muther, Artur Polls, and Angels Ramos, *Self-energy of Lambda in finite nuclei*, *Nuclear Physics A*, 605:458, 1996.

129. Morten Hjorth-Jensen, Eivind Osnes, Herbert Muther, and Artur Polls, *Comparison of the effective interaction to various orders in different mass regions*, *Journal of Physics G: Nuclear and Particle Physics*, 22:321, 1996.

130. Morten Hjorth-Jensen, T. Kuo, and Eivind Osnes, *Realistic effective interactions for nuclear systems*, *Physics Reports*, 261:125, 1995.

131. G. Bao, Lars Engvik, Morten Hjorth-Jensen, Eivind Osnes, and Erlend Ostgaard, *New equations of state for neutron stars*, *Nuclear Physics A*, 575:707, 1994.

132. P. J. Ellis, Torgeir Engeland, Morten Hjorth-Jensen, Anne Holt, and Eivind Osnes, *Convergence properties of the effective interaction*, *Nuclear Physics A*, 573:216, 1994.

133. Lars Engvik, Morten Hjorth-Jensen, Eivind Osnes, G. Bao, and Erlend Ostgaard, *Asymmetric nuclear matter and neutron star properties*, *Physical Review Letters*, 73:2650, 1994.

134. Morten Hjorth-Jensen, Herbert Muther, and Artur Polls, *Width of the Δ resonance in nuclei*, *Physical Review C*, 50:501, 1994.

135. Torgeir Engeland, Morten Hjorth-Jensen, Anne Holt, and Eivind Osnes, *The structure of the neutron deficient Sn isotopes*, *Physical Review C*, 48:R535, 1993.

136. Morten Hjorth-Jensen, Marcello Borromeo, Herbert Muther, and Artur Polls, *Isobar contributions to the imaginary part of the optical-model potential for finite nuclei*, *Nuclear Physics A*, 551:580, 1993.

137. Morten Hjorth-Jensen, Mariana Kirchbach, Dan Olof Riska, and Kazuo Tsushima, *Nuclear renormalization of the isoscalar axial coupling constants*, *Nuclear Physics A*, 563:525, 1993.

138. Morten Hjorth-Jensen, Torgeir Engeland, Anne Holt, and Eivind Osnes, *Effective interactions for valence-hole nuclei with modern meson-exchange potential models*, *Nuclear Physics A*, 541:105, 1992.

139. Morten Hjorth-Jensen, Eivind Osnes, and T. Kuo, *Effective interactions for valence-hole nuclei with modern meson-exchange potential models*, *Nuclear Physics A*, 540:145, 1992.

140. Morten Hjorth-Jensen, Eivind Osnes, and Herbert Muther, *Folded-Diagram effective interaction with the Bonn meson-exchange potential model*, *Annals of Physics*, 213:102, 1992.

141. Morten Hjorth-Jensen and Kjell Aashamar, *Oscillator strengths and lifetimes for low-lying terms in the Al isoelectronic sequence. Physica Scripta*, 42:309, 1990.

142. Morten Hjorth-Jensen and Eivind Osnes, *Number-conserving sets and effective interactions through third order for mass-18 with the Bonn potential*, *Physica Scripta*, 41:207, 1990.

143. Morten Hjorth-Jensen, Eivind Osnes, Herbert Muther, and K. W. Schmid, *Choice of single-particle potential and the convergence of the effective interaction*, *Physics Letters B*, 248:243, 1990.

144. Morten Hjorth-Jensen and Eivind Osnes, *Effective interactions through third order for mass-18 nuclei with the Paris potential*, *Physics Letters B*, 228:281, 1989.

Contributions to Conference and Workshop Proceedings (refereed and non-refereed).

1. Malthe-Sørenssen, Anders; Hjorth-Jensen, Morten; Langtangen, Hans Petter; Mørken, Knut Martin. Integrasjon av beregninger i fysikkundervisningen. UNIPED 2015 ;Volum 38.(4) p. 303-310

2. Engeland, Torgeir; Hjorth-Jensen, Morten; Kartamyshev, Maxim; Osnes, Eivind. The Kuo–Brown effective interaction: From 18O to the Sn isotopes. Nuclear Physics A 2014 ;Volum 928.

3. Takayanagi, Kazuo; Tsunoda, Naofumi; Hjorth-Jensen, Morten; Otsuka, Takahuro. Effective Hamiltonian in non-degenerate model space. Journal of Physics, Conference Series 2013 ;Volum 445.

4. Tsunoda, Naofumi; Otsuka, Takahuro; Tsukiyama, Koshiroh; Hjorth-Jensen, Morten. Tensor force in effective interaction of nuclear force. Journal of Physics, Conference Series 2011 ;Volum 267.

5. Barbieri, Carlo; Hjorth-Jensen, Morten; Giusti, C; Pacati, FD. ONE- AND TWO-NUCLEON STRUCTURE FROM GREEN'S FUNCTION THEORY. Modern Physics Letters A 2010 ;Volum 25.(21-23) p. 1927-1930

6. Ekstrom, A; Cederkall, Joakim; Fahlander, Claes; Hjorth-Jensen, Morten; Engeland, Torgeir; Butler, PA; Davinson, T; Eberth, J; Finke, F; Görgen, Andreas; Gorska, M; Hurst, AM; Ivanov, O; Iwanicki, J; Koster, U; Marsh, BA; Mierzejewski, J; Reiter, P; Siem, Sunniva; Sletten, G; Stefanescu, I; Tveten, Gry Merete; Van de Walle, J; Voulot, D; Warr, N; Weisshaar, D;

Wenander, F; Zielinska, M; Blazhev, A. Coulomb excitation of the odd-odd isotopes 106, 108In. European Physical Journal A 2010 ;Volum 44. p. 355-361

7. Honma, Micho; Otsuka, Takahuro; Mizusaki, T.; Hjorth-Jensen, Morten. Recent Progress in Shell-Model Calculations for pfg-shell Nuclei. AIP Conference Proceedings 2010 ;Volum 1235. p. 384-390

8. Otsuka, Takaharu; Tsunoda, Naofumi; Tsukiyama, Koshiroh; Suzuki, Toshio; Honma, Michio; Utsuno, Yutaka; Hjorth-Jensen, Morten; Holt, Jason; Schwenk, Achim. Hadronic Interaction and Exotic Nuclei. AIP Conference Proceedings 2009 ;Volum 1165. p. 47-52

9. Algin, E; Schiller, A; Voinov, A; Agvaanluvsan, U; Belgya, T; Bernstein, LA; Brune, CR; Chankova, Rosita; Garrett, PE; Grimes, SM; Guttormsen, Magne Sveen; Hjorth-Jensen, Morten; Hornish, MJ; Johnson, CW; Massey, T; Mitchell, GE; Rekstad, John Bernhard; Siem, Sunniva; Younes, W. Bulk properties of iron isotopes. Physics of Atomic Nuclei 2007 ;Volum 70. p. 1634-1639

10. Hjorth-Jensen, Morten. Computational Quantum Mechanics. META 2007 ;Volum 2. p. 10-15

11. Hjorth-Jensen, Morten. High-performance computing and basic education in computational Science. META 2007 (1) p. 18-19

12. Gorska, M.; Grawe, H.; Banu, A.; Burger, A.; Doornenbal, P.; Gerl, J,; Hjorth-Jensen, Morten; Hübel, H.; Nowacki, F.; Otsuka, Takahuro; reiter, P. Nuclear structure far off stability – New results from RISING. Journal of Physics, Conference Series 2006 ;Volum 49. p. 59-64

13. Guttormsen, Magne; Agvaanluvsan, Undraa; Chankova, Rositsa; Hjorth-Jensen, Morten; Rekstad, John Bernhard; Schiller, Andreas; Siem, Sunniva; Larsen, Ann-Cecilie; Syed, Naeem Ul Hasan; Voinov, Alexander. Single particle entropy in heated nuclei. AIP Conference Proceedings 2006 ;Volum 831. p. 162-166

14. Honma, Micho; Otsuka, Takahuro; Mizusaki, T.; Hjorth-Jensen, Morten. Effective interaction for f5pg9-shell nuclei and two-neutrino double beta-decay matrix elements. Journal of Physics, Conference Series 2006 ;Volum 49. p. 45-50

15. Papenbrock, T.; Dean, David Jarvis; Gour, J. R.; Hagen, G.; Hjorth-Jensen, Morten; Piecuch, P.; Wloch, M. Coupled-cluster theory for nuclei. International journal of modern physics B 2006 ;Volum 20. p. 5338-5345

16. Schiller, Andreas; Agvaanluvsan, Undraa; Algin, Emel; Bagheri, Asadolla; Chankova, Rosita; Guttormsen, Magne; Hjorth-Jensen, Morten; Rekstad, John Bernhard; Siem, Sunniva; Sunde, Ann-Cecilie; Voinov, Alexander.

Nuclear thermodynamics below particle threshold. AIP Conference Proceedings 2005 (777) p. 216-228

17. Wloch, Marta; Dean, David J.; Grour, Jeffrey; Piecuch, Piotr; Hjorth-Jensen, Morten; Papenbrock, Thomas; Kowalski, Karol. Ab Initio Coupled-Cluster calculations for Nuclei using Methods of Quantum Chemistry. European Physical Journal A 2005

18. Barrett, BR; Dean, DJ; Hjorth-Jensen, Morten; Vary, JP. Nuclear forces and the quantum many-body problem - Preface. Journal of Physics G: Nuclear and Particle Physics 2005 ;Volum 31.

19. Hagen, G; Hjorth-Jensen, M; Vaagen, Jan S. State-dependent interactions for the Gamow shell model. Journal of Physics G: Nuclear and Particle Physics 2005 ;Volum 31.

20. Wloch, Marta; Grour, Jeffrey; Piecuch, Piotr; Dean, David J.; Hjorth-Jensen, Morten; Papenbrock, Thomas. Coupled-cluster calculations for ground and excited states of closed- and open-shell nuclei using methods of quantum chemistry. Journal of Physics G: Nuclear and Particle Physics 2005 ;Volum 31. S1291-S1299

21. Belic, Alexandar; Dean, David J.; Hjorth-Jensen, Morten. Pairing correlations and transitions in nuclear systems. Nuclear Physics A 2004 ;Volum 731. p. 381-391

22. Brown, B.A.; Clement, R.; Schatz, H.; Giansiracusa, J.; Richter, W.A.; Hjorth-Jensen, Morten; Kratz, K.L.; Pfeiffer, B.; Walters, W.B. Nuclear structure theory for the astrophysical rp-process and r-process. Nuclear Physics A 2003 ;Volum 719. p. 177-184

23. Dean, David J.; Hjorth-Jensen, Morten. Toward coupled-cluster implementations in nuclear structure. AIP Conference Proceedings 2003 ;Volum 656. p 197-204

24. Hjorth-Jensen, Morten. Pairing correlations, from neutron stars to finite nuclei. Progress of Theoretical Physics Supplement 2002 ;Volum 146. p. 289-298

25. Schiller, Andreas; Guttormsen, Magne; Hjorth-Jensen, Morten; Melby, Elin; Rekstad, John Bernhard; Siem, Sunniva. Level density and thermal properties in rare earth nuclei. Physics Atomic Nuclei 2001 ;Volum 64.(7) p. 1186-1193

26. Elgarøy, Øystein; Engeland, Torgeir; Hjorth-Jensen, Morten; Osnes, Eivind. Pairing correlations in nuclear systems, from infinite nuclear matter to finite nuclei. International journal of modern physics B 2001 ;Volum 15. p. 1501-1509

27. Vidanya, Isaac; Polls, Artur; Ramos, Angels; Engvik, Lars; Hjorth-Jensen, Morten. Hyperon effects on the properties of beta-stable neutron star matter. Nuclear Physics A 2001 ;Volum 691. p. 443-446

28. Rekstad, John Bernhard; Bergholt, Lisbeth; Guttormsen, Magne; Hjorth-Jensen, Morten; Ingebretsen, Finn; Melby, Elin; Messelt, Svein; Schiller, Andreas; Siem, Sunniva; Ødegård, Stein Westad. Measurement of level densities and gamma ray strength functions. AIP Conference Proceedings 2000 ;Volum 529.(1) p. 144-151

29. Siiskonen, Teemu; Suhonen, Jouni; Hjorth-Jensen, Morten. Effective Shell-Model Transition Operators for Muon-Capture Calculations. Physics of Atomic Nuclei 2000 ;Volum 63.(7) p. 1182-1186

30. Stone, N.J.; White, G.N.; Rikovska, J.; Ohya, S.; Giles, T.J.; Towner, I.S.; Brown, B.A.; Fogelberg, Birger; Jacobsson, L.; Hjorth-Jensen, Morten. NMR/ON nuclear magnetic dipole moments near 132Sn: I. At the shell closure: meson exchange current effects. Hyperfine Interactions 1999 ;Volum 120. p. 645-649

31. White, G.N.; Stone, N.J.; Rikovska, J.; Ohya, S.; Giles, T.J.; Towner, I.S.; Brown, B.A.; Fogelberg, Birger; Jacobsson, L.; Hjorth-Jensen, Morten. New on-line NMR/ON nuclear magnetic dipole moments near 132Sn: II variation with proton and neutron number: shell model treatment of 'collective' effects. Hyperfine Interactions 1999 ;Volum 120. p. 651-655

32. Drago, Alessandro; Hjorth-Jensen, Morten; Tambini, Ubaldo. Neutron stars and massive quark matter. Progress in Particle and Nuclear Physics 1996 ;Volum 36. p. 407-408

33. Engeland, Torgeir; Hjorth-Jensen, Morten; Holt, Anne; Osnes, Eivind. Large shell model calculations with realistic effective interactions. Physica Scripta 1995 ;Volum T56. p. 58-66

34. Hjorth-Jensen, Morten; Engeland, Torgeir; Holt, Anne; Osnes, Eivind. Perturbative many-body approaches to finite nuclei. Physics reports 1994 ;Volum 242. p. 37-69

35. Holt, Anne; Engeland, Torgeir; Hjorth-Jensen, Morten; Osnes, Eivind. The structure of the neutron deficient Sn isotopes. Nuclear Physics A 1994 ;Volum 570. p. 137c-144c

Talks and seminars at workshops, conferences and institute colloquiua.

1. Mørken, Knut Martin; Hjorth-Jensen, Morten; Langtangen, Hans Petter; Malthe-Sørenssen, Anders. Some reflections on the impact of computers in science education. Mathematical Simulation and Visualization Symposium; 2015

2. Mørken, Knut Martin; Hjorth-Jensen, Morten; Langtangen, Hans Petter; Malthe-Sørenssen, Anders. Tanker om digital realfagsundervisning. Nordic Physics Days 2015; 2015-06-10 - 2015-06-12

3. Hjorth-Jensen, Morten. Educating the next generation of nuclear scientists; how can a center like the ECT* aid in developing modern nuclear physics educational programs?. ECT* 20th anniversary colloquium; 2013-09-14 - 2013-09-14

4. Hjorth-Jensen, Morten. Living at the edge of stability, understanding the limits of the nuclear landscape. Institute colloquium Centre Etudes Nucléaires de Bordeaux Gradignan; 2013-12-10 - 2013-12-10

5. Hjorth-Jensen, Morten. Living at the edge of stability, understanding the limits of the nuclear landscape; computational and algorithmic challenges. XXV IUPAP Conference on Computational Physics, August 20, 2013-August 24, 2013, Moscow, Russia; 2013-08-20 - 2013-08-24

6. Hjorth-Jensen, Morten. Living at the edge of stability, understanding the nuclear landscape. Theory seminar National Superconducting Cyclotron Laboratory; 2013-03-19 - 2013-03-19

7. Hjorth-Jensen, Morten. Living on the edge of stability, the limits of nuclear landscape. Physics Division seminar; 2013-06-05 - 2013-06-05

8. Hjorth-Jensen, Morten. Living on the edge of stability, the limits of the nuclear landscape. Institute colloquium; 2013-03-22 - 2013-03-22

9. Hjorth-Jensen, Morten. Living on the edge of stability, understanding the limits of the nuclear landscape. Nuclear Theory in the Supercomputing Era; 2013-05-13 - 2013-05-17

10. Hjorth-Jensen, Morten. Computing in Science Education. Seminar at college of engineering; 2012-03-15 - 2012-03-15

11. Hjorth-Jensen, Morten. Computing in Science Education, a new way to teach science?. Institute seminar The Ohio State University; 2012-02-28 - 2012-02-28

12. Hjorth-Jensen, Morten. Evolution of shell structure in neutron-rich isotopes. Research seminar National Superconducting Cyclotron Laboratory; 2012-03-15 - 2012-03-15

13. Hjorth-Jensen, Morten. Evolution of shell structure in neutron-rich isotopes and the stability of nuclear matter. Exotic Nuclear Structure from Nucleons; 2012-10-10 - 2012-10-12

14. Hjorth-Jensen, Morten. Introduction to computational nuclear physics. High-performance computing and computational tools for nuclear physics; 2012-06-24 - 2012-07-13

15. Hjorth-Jensen, Morten. Lecture 2: Configuration interaction theory. High-performance computing and computational tools for nuclear physics; 2012-06-24 - 2012-07-13

16. Hjorth-Jensen, Morten. Lectures 3-5: Configuration interaction theory and computational nuclear physics. High-performance computing and computational tools for nuclear physics; 2012-06-24 - 2012-07-13

17. Hjorth-Jensen, Morten. Shell Structure in Neutron-rich isotopes and the stability of nuclear matter. NSD Colloquia 2012; 2012-05-30 - 2012-05-30

18. Hjorth-Jensen, Morten. Understanding the stability of nuclear matter. Nuclear strcuture seminar The Ohio State University; 2012-02-29 - 2012-02-29

19. Hjorth-Jensen, Morten. Understanding the stability of nuclear matter. Triangle Nuclear Theory Colloquium; 2012-05-01 - 2012-05-01

20. Hjorth-Jensen, Morten. Why is matter stable?. Theory of Nuclear Physics Related to the RI Facilities; 2012-05-11 - 2012-05-12

21. Hjorth-Jensen, Morten. Why is matter stable? Understanding the limits of stability of nuclear matter. Nobel Symposium 152; 2012-06-10 - 2012-06-15

22. Hjorth-Jensen, Morten. Computational environment for Nuclear Structure, Lectures I-V. Lecture series in Nuclear Physics at Universidad Complutense Madrid; 2011-01-17 - 2011-02-09

23. Hjorth-Jensen, Morten. Computers in Science Education; a new way to teach Science?. Institute seminar; 2011-03-21 - 2011-03-21

24. Hjorth-Jensen, Morten. Computers in Science Education; a new way to teach Science?. Seminar at Universidad Complutense Madrid; 2011-01-24 - 2011-01-24

25. Hjorth-Jensen, Morten. From few to many nucleons; a tale on recent advances (and challenges) in nuclear many-body theory. Institute seminar; 2011-03-25 - 2011-03-25

26. Hjorth-Jensen, Morten. Linking nuclear forces with many-body methods, Lecture II. Second MSU–UT/ORNL winter school in nuclear physics; 2011-01-03 - 2011-01-07

27. Hjorth-Jensen, Morten. Many-body interactions and nuclear structure. Institute seminar National Superconducting Cyclotron laboratory; 2011-01-05 - 2011-01-05

28. Hjorth-Jensen, Morten. Many-body interactions and nuclear structure. Seminar at Universidad Complutense Madrid; 2011-01-18 - 2011-01-18

29. Hjorth-Jensen, Morten. Many-body interactions and nuclear structure at the limits of stability. Institute seminar; 2011-03-22 - 2011-03-22

30. Hjorth-Jensen, Morten. Many-body interactions and nuclear structure at the limits of stability. Nordic Nuclear Physics conference 2011; 2011-06-13 - 2011-06-17

31. Hjorth-Jensen, Morten. Many-body interactions and nuclear structure at the limits of stability. Nuclear Physics in Astrophysics - V; 2011-04-03 - 2011-04-09

32. Hjorth-Jensen, Morten. Many-body methods, Lecture III. Second MSU–UT/ORNL winter school in nuclear physics; 2011-01-03 - 2011-01-07

33. Hjorth-Jensen, Morten. Many-body methods, Lectures IV and V. Second MSU–UT/ORNL winter school in nuclear physics; 2011-01-03 - 2011-01-07

34. Hjorth-Jensen, Morten. Nuclear structure at the limits of stability. Division of Nuclear Physics Meeting 2011; 2011-10-25 - 2011-10-29

35. Hjorth-Jensen, Morten. Parallel programming with MPI. The 10th Annual Meeting on High Performance Computing and Infrastructure in Norway; 2011-05-23 - 2011-05-27

36. Hjorth-Jensen, Morten. Renormalization of nuclear forces, Lecture set I. Second MSU–UT/ORNL winter school in nuclear physics; 2011-01-03 - 2011-01-07

37. Hjorth-Jensen, Morten. Computers in Science Education. Institute seminar at the university of Trento, Italy; 2010-05-05 - 2010-05-05

38. Hjorth-Jensen, Morten. Deriving nuclear forces. CERN/Isolde course on nuclear structure theory; 2010-03-01 - 2010-03-04

39. Hjorth-Jensen, Morten. From few to many nucleons; a tale on recent advances (and challenges) in nuclear many-body theory. Institute seminar; 2010-07-22 - 2010-07-22

40. Hjorth-Jensen, Morten. From few to many nucleons; a tale on recent advances (andchallenges) in nuclear many-body theory. Spiral2 week 2010; 2010-01-25 - 2010-01-29

41. Hjorth-Jensen, Morten. High-performance computing and quantum mechanical problems. Future needs for eInfrastructure for Norwegian research, March 19 2010; 2010-03-19 - 2010-03-19

42. Hjorth-Jensen, Morten. Many-body interactions and nuclear structure. New faces of atomic nuclei; 2010-11-15 - 2010-11-17

43. Hjorth-Jensen, Morten. Many-body methods for nuclear structure studies. CERN/Isolde course on nuclear structure theory; 2010-03-01 - 2010-03-04

44. Hjorth-Jensen, Morten. Many-body theory for exotic nuclei and coupled-cluster theory. CERN/Isolde course on nuclear structure theory; 2010-03-01 - 2010-03-04

45. Hjorth-Jensen, Morten. Modern theory of effective interactions. Zakopane Conference On Nuclear Physics 2010; 2010-08-30 - 2010-09-05

46. Hjorth-Jensen, Morten. Overview of nuclear forces. CERN/Isolde course on nuclear structure theory; 2010-03-01 - 2010-03-04

47. Hjorth-Jensen, Morten. Renormalizing nuclear forces. CERN/Isolde course on nuclear structure theory; 2010-03-01 - 2010-03-04

48. Hjorth-Jensen, Morten. Role of many-body forces in nuclei. CERN/Isolde course on nuclear structure theory; 2010-03-01 - 2010-03-04

49. Hjorth-Jensen, Morten. Role of the tensor force in nuclear spectra. CERN/Isolde course on nuclear structure theory; 2010-03-01 - 2010-03-04

50. Hjorth-Jensen, Morten. Shell structure and modern effective interactions. International Nuclear Physics Conference 2010; 2010-07-04 - 2010-07-09

51. Hjorth-Jensen, Morten. Theory of shell-model studies for nuclei. CERN/Isolde course on nuclear structure theory; 2010-03-01 - 2010-03-04

52. Hjorth-Jensen, Morten. Ab initio methods in nuclear physics. Overview and recent achievements. Assemblée Générale des Théoriciens, 15 et 16 octobre, IPN-Orsay; 2009-10-15 - 2009-10-16

53. Hjorth-Jensen, Morten. Can we do ab initio calculations for nuclei beyond A=16?. 7th Biennal Yale Nuclear structure workshop; 2009-06-18 - 2009-06-21

54. Hjorth-Jensen, Morten. Computers in Science Education. Institutt kollokvium; 2009-04-28 - 2009-04-28

55. Hjorth-Jensen, Morten. Datamaskiner i realfagsopplæringen, en ny måte å undervise realfag på?. Institutt kollokvium; 2009-02-13 - 2009-02-13

56. Hjorth-Jensen, Morten. From QCD to the nuclear many-body problem: theory and experiments at Isolde. New Opportunities in the Physics Landscape at CERN Search; 2009-05-10 - 2009-05-13

57. Hjorth-Jensen, Morten. Lecture 1: Models for the nuclear forces. 20th Chris Engelbrecht Summer School in Theoretical Physics; 2009-01-19 - 2009-01-28

58. Hjorth-Jensen, Morten. Lecture 1: Nuclear interactions. Postgraduate Nuclear Physics Summer School '09; 2009-09-12 - 2009-09-23

59. Hjorth-Jensen, Morten. Lecture 1: Nuclear interactions and the Shell Model. 8th CNS-EFES International Summer School; 2009-08-26 - 2009-09-01

60. Hjorth-Jensen, Morten. Lecture 2: Constructing effective interactions for the shell model. Postgraduate Nuclear Physics Summer School '09; 2009-09-12 - 2009-09-23

61. Hjorth-Jensen, Morten. Lecture 2: Nuclear interactions and the shell model. 8th CNS-EFES International Summer School; 2009-08-26 - 2009-09-01

62. Hjorth-Jensen, Morten. Lecture 2: Renormalization of nuclear forces. 20th Chris Engelbrecht Summer School in Theoretical Physics; 2009-01-19 - 2009-01-28

63. Hjorth-Jensen, Morten. Lecture 3: Effective interactions. 20th Chris Engelbrecht Summer School in Theoretical Physics; 2009-01-19 - 2009-01-28

64. Hjorth-Jensen, Morten. Lecture 3: Nuclear interactions and the shell model. 8th CNS-EFES International Summer School; 2009-08-26 - 2009-09-01

65. Hjorth-Jensen, Morten. Lecture 3: Shell model studies. Postgraduate Nuclear Physics Summer School '09; 2009-09-12 - 2009-09-23

66. Hjorth-Jensen, Morten. Lecture 4: Nuclear interactions and the shell model. 8th CNS-EFES International Summer School; 2009-08-26 - 2009-09-01

67. Hjorth-Jensen, Morten. Lecture 4: Nuclear many-body methods. 20th Chris Engelbrecht Summer School in Theoretical Physics; 2009-01-19 - 2009-01-28

68. Hjorth-Jensen, Morten. Lecture 5: Nuclear interactions and the shell model. 8th CNS-EFES International Summer School; 2009-08-26 - 2009-09-01

69. Hjorth-Jensen, Morten. Lecture 5: Nuclear many-body methods. 20th Chris Engelbrecht Summer School in Theoretical Physics; 2009-01-19 - 2009-01-28

70. Hjorth-Jensen, Morten. Lecture 6: Nuclear interactions and the shell model. 8th CNS-EFES International Summer School; 2009-08-26 - 2009-09-01

71. Hjorth-Jensen, Morten. Many-body methods and multiscale physics: A nuclear physics story. Seminar at CTCC, University of oslo; 2009-11-04 - 2009-11-04

72. Hjorth-Jensen, Morten. School on Nuclear Physics at the University of Oslo. 15 lectures in total. Nuclear Physics School; 2009-08-10 - 2009-08-14

73. Hjorth-Jensen, Morten. Shell structure around 100Sn. Gordon conference:Frontiers Of Nuclear Structure Through Spectroscopy And Reactions; 2009-06-21 - 2009-06-26

74. Hjorth-Jensen, Morten. Shell-model interactions around 100Sn. American Physical Society April meeting; 2009-05-01 - 2009-05-05

75. Hjorth-Jensen, Morten. Structure of very neutron-rich nuclei and some key questions in nuclear structure theory. HRIBF, Upgrade for the FRIB Era An HRIBF Users Workshop; 2009-11-13 - 2009-11-14

76. Hjorth-Jensen, Morten; Kvaal, Simen. Effective interactions and convergence criteria for configuration interaction methods. Effective Field Theories and the Many-Body Problem; 2009-03-23 - 2009-06-05

77. Engeland, Torgeir; Hjorth-Jensen, Morten; Jansen, Gustav. CENS, a computational environment for nuclear structure. April Meeting of the American Physical Society; 2008-04-11 - 2008-04-15

78. Hjorth-Jensen, Morten. Cens lecture 1: Effective interactions for the nuclear shell model. Lecture series at the University of Padova and Legnaro National Laboratory, Padova Italy; 2008-07-15 - 2008-07-18

79. Hjorth-Jensen, Morten. Cens lecture 2: Nuclear structure studies. Lecture series at the University of Padova and Legnaro national Laboratory, Padova, Italy; 2008-07-15 - 2008-07-18

80. Hjorth-Jensen, Morten. Cens lecture 3, challenges for nuclear structure studies. Lecture series at the University of Padova and Legnaro national Laboratory, Padova, Italy; 2008-07-15 - 2008-07-18

81. Hjorth-Jensen, Morten. Computers in Science Education. Guest lecture at Michigan State University; 2008-03-30 - 2008-03-30

82. Hjorth-Jensen, Morten. Computers in Science Education. Forelesning ved UniK, Kjeller; 2008-10-23 - 2008-10-23

83. Hjorth-Jensen, Morten. Computers in Science education, a new way to teach science?. eNORIA: Workshop on eScience in Higher Education; 2008-10-07 - 2008-10-07

84. Hjorth-Jensen, Morten. From nuclear forces to the nuclear many-body problem. Carnegie 2008 Conference NUCLEAR STRUCTURE AT THE EXTREMES; 2008-05-08 - 2008-05-10

85. Hjorth-Jensen, Morten. From stable to weakly bound nuclei. Lectures series at Lund University; 2008-05-04 - 2008-05-07

86. Hjorth-Jensen, Morten. From the nucleon-nucleon interaction to effective interactions for the nuclear shell model. Lectures series at Lund University; 2008-05-04 - 2008-05-07

87. Hjorth-Jensen, Morten. Nuclear many-body methods, shell model and many-body perturbation theory. Lectures series at Lund University; 2008-05-04 - 2008-05-07

88. Hjorth-Jensen, Morten. Trends in Nuclear Structure Theory. Workshop at the University of Lund; 2008-05-07 - 2008-05-07

89. Hjorth-Jensen, Morten. Trends in Nuclear Structure Theory. Physics Division Seminar; 2008-04-17 - 2008-04-17

90. Hjorth-Jensen, Morten. Trends in nuclear structure theory. Lecture series at the University of Padova and Legnaro National Laboratory, Padova Italy; 2008-07-16 - 2008-07-16

91. Hjorth-Jensen, Morten; Langtangen, Hans Petter; Malthe-Sørenssen, Anders; Mørken, Knut Martin; Vistnes, Arnt Inge. Computers in Science Education, a new way to teach physics and mathematics?. April Meeting of the American Physical Society; 2008-04-11 - 2008-04-15

92. Hjorth-Jensen, Morten; Mørken, Knut Martin. Computers in Science Education A New Way to Teach Science?. "I POSE OG SEKK" - Kvalitet i både forskning og utdanning. Er det mulig?; 2008-11-12 - 2008-11-13

93. Hjorth-Jensen, Morten; Mørken, Knut Martin. Computers in Science Education A New Way to Teach Science?. Møte i Nasjonalt råd for teknologisk utdanning; 2008-11-11 - 2008-11-11

94. Jansen, Gustav Ragnar; Hjorth-Jensen, Morten; Engeland, Torgeir. CENS - Computational Environment for Nuclear Structure. CNS-EFES summer school (CNS-EFES08); 2008-08-25 - 2008-09-01

95. Hjorth-Jensen, Morten. Challenges for nuclear many-body theories. CORRELATIONS IN NUCLEI: BEYOND-MEAN-FIELD AND SHELL-MODEL APPROACHES; 2007-06-04 - 2007-06-08

96. Hjorth-Jensen, Morten. Computeres in Science Education, a new way to teach science?. Institute seminar; 2007-05-15 - 2007-05-15

97. Hjorth-Jensen, Morten. Computers in Science Education, a new way to teach science?. EUPEN's 9th General Forum - EGF2007; 2007-09-06 - 2007-09-08

98. Hjorth-Jensen, Morten. Computers in Science Education: realfagsundervisning på en ny måte?. Pedagogisk modul for MN-fak; 2007-04-11 - 2007-04-11

99. Hjorth-Jensen, Morten. Coupled Cluster theories: from stable to weakly bound nuclei. CORRELATIONS IN NUCLEI: BEYOND-MEAN-FIELD AND SHELL-MODEL APPROACHES; 2007-06-04 - 2007-06-08

100. Hjorth-Jensen, Morten. Examples from the physical sciences and sociology. eScience Winther School 2007; 2007-01-28 - 2007-02-02

101. Hjorth-Jensen, Morten. How to Integrate Parallel Computing in Science Education?. High-Performance and Parallel Computing; 2007-10-24 - 2007-10-24

102. Hjorth-Jensen, Morten. Introduction to Monte Carlo methods and applications in the physical sciences. eScience Winther School 2007; 2007-01-28 - 2007-02-02

103. Hjorth-Jensen, Morten. Lecture 1: Models for the nuclear interactions. Lectures in Nuclear Physics, From basic nuclear interactions to nuclear structure; 2007-02-19 - 2007-02-19

104. Hjorth-Jensen, Morten. Lecture 1: Models for the nuclear interactions. ISOLDE Spring School in Nuclear Theory; 2007-05-21 - 2007-05-26

105. Hjorth-Jensen, Morten. Lecture 1: Models for the nuclear iteractions. ECT* Doctoral Training Programme 2007; 2007-04-16 - 2007-04-16

106. Hjorth-Jensen, Morten. Lecture 2: Renormalization of the nucleon-nucleon interaction. Lectures in Nuclear Physics, From basic nuclear interactions to nuclear structure; 2007-02-20 - 2007-02-20

107. Hjorth-Jensen, Morten. Lecture 2: Renormalization of the nucleon-nucleon interaction. ISOLDE Spring School in Nuclear Theory; 2007-05-21 - 2007-05-26

108. Hjorth-Jensen, Morten. Lecture 2: Renormalization of the nucleon-nucleon interaction. ECT* Doctoral Training Programme 2007; 2007-04-17 - 2007-04-17

109. Hjorth-Jensen, Morten. Lecture 3: Many-body methods for nuclear structure. Lectures in Nuclear Physics, From basic nuclear interactions to nuclear structure; 2007-02-21 - 2007-02-21

110. Hjorth-Jensen, Morten. Lecture 3: Many-body methods for nuclear structure. ISOLDE Spring School in Nuclear Theory; 2007-05-21 - 2007-05-26

111. Hjorth-Jensen, Morten. Lecture 3: Many-body methods for nuclear structure. ECT* Doctoral Training Programme 2007; 2007-04-18 - 2007-04-18

112. Hjorth-Jensen, Morten. Lecture 4: Effective interactions for various mass areas. Lectures in Nuclear Physics, From basic nuclear interactions to nuclear structure; 2007-02-22 - 2007-02-22

113. Hjorth-Jensen, Morten. Lecture 4: Effective interactions for various mass areas. ISOLDE Spring School in Nuclear Theory; 2007-05-21 - 2007-05-26

114. Hjorth-Jensen, Morten. Lecture 4: Effective interactions for various mass areas. ECT* Doctoral Training Programme 2007; 2007-04-19 - 2007-04-19

115. Hjorth-Jensen, Morten. Lecture 5: From stable to weakly bound nuclei. Lectures in Nuclear Physics, From basic nuclear interactions to nuclear structure; 2007-02-23 - 2007-02-23

116. Hjorth-Jensen, Morten. Lecture 5: From stable to weakly bound nuclei. ECT* Doctoral Training Programme 2007; 2007-04-20 - 2007-04-20

117. Hjorth-Jensen, Morten. Random numbers, Markov chains, Diffusion and the Metropolis algorithm. eScience Winther School 2007; 2007-01-28 - 2007-02-02

118. Hjorth-Jensen, Morten. Trends in Nuclear Theory. SVENSKT KÄRNFYSIKERMÖTE XXVII, 13-14 NOVEMBER, 2007; 2007-11-13 - 2007-11-14

119. Hjorth-Jensen, Morten. Two and three-body correlations in nuclei. CORRELATIONS IN NUCLEI: BEYOND-MEAN-FIELD AND SHELL-MODEL APPROACHES; 2007-06-04 - 2007-06-08

120. Hjorth-Jensen, Morten; Dean, David J.; Hagen, Gaute; Papenbrock, Thomas. Complex Coupled-cluster Approach to an Ab-initio Description of Open Quantum Systems. Recent progress in many-body theories 14; 2007-07-16 - 2007-07-20

121. Hjorth-Jensen, Morten; Jansen, Gustav. CENS: computational environment for nuclear structure. Many-body physics workshop; 2007-12-05 - 2007-12-07

122. Hjorth-Jensen, Morten; Kvaal, Simen. Similarity Transformations, Flow Equations and Many-Body Perturbation Theory: Role of Many-Body Forces. Many-body physics workshop; 2007-12-05 - 2007-12-07

123. Hjorth-Jensen, Morten; Mørken, Knut Martin. A uni[U+FB01]ed renewal of mathematics and science education. HPCIA07 (opening of new supercomputer i Tromsø); 2007-12-12 - 2007-12-13

124. Hjorth-Jensen, Morten; Mørken, Knut Martin. Computers in Science Education, realfag på en ny måte?. Realfag – nøkkelen til fremtidens kunnskapssamfunn; 2007-03-23 - 2007-03-23

125. Hjorth-Jensen, Morten; Mørken, Knut Martin. Computers in Science Education: Realfagsundervisning på en ny måte?. Presentasjon for Abelia og NHO; 2007-08-14 - 2007-08-14

126. Kartamychev, Maxim; Hjorth-Jensen, Morten; Engeland, Torgeir; Osnes, Eivind. Three-body effective interactions in nuclear structure studies. Many-body methods for 21st century; 2007-10-26 - 2007-10-30

127. Kartamychev, Maxim; Hjorth-Jensen, Morten; Engeland, Torgeir; Osnes, Eivind. Three-body interactions in nuclear structure studies. Norwegian Physical Society Subatomic and Astrophysics Division Annual Meeting 2007; 2007-01-04 - 2007-01-06

128. Kartamyshev, Maxim; Hjorth-Jensen, Morten; Engeland, Torgeir; Osnes, Eivind. Realistic three-nucleon effective interactions in nuclear structure studies. RPMBT14; 2007-07-16 - 2007-07-20

129. Kartamyshev, Maxim; Hjorth-Jensen, Morten; Engeland, Torgeir; Osnes, Eivind. Three-body effective interactions in nuclear structure studies. Workshp at ORNL; 2007-12-05 - 2007-12-07

130. Hjorth-Jensen, Morten. Basis, model space and wave functions for the shell model. Nuclear shell model applications; 2006-02-13 - 2006-02-17

131. Hjorth-Jensen, Morten. Effective Interactions for Weakly Bound Systems and Shell Model Studies. 1st Southern Mediterranean Summer Workshop on Subatomic Physics; 2006-05-29 - 2006-06-03

132. Hjorth-Jensen, Morten. Experimental and theoretical challenges for nuclei in the mass region A=56 to A=78. Nuclear Physics seminar; 2006-09-01 - 2006-09-01

133. Hjorth-Jensen, Morten. From nucleon-nucleon interactions to effective interactions. Nuclear shell model applications; 2006-02-13 - 2006-02-17

134. Hjorth-Jensen, Morten. Gamma and Beta decay. Nuclear shell model applications; 2006-02-13 - 2006-02-17

135. Hjorth-Jensen, Morten. Green's Function Approach to Effective Interactions for Nuclear Systems. 1st Southern Mediterranean Summer Workshop on Subatomic Physics; 2006-05-29 - 2006-06-03

136. Hjorth-Jensen, Morten. Hva er lys?. Upop aften; 2006-01-16 - 2006-01-16

137. Hjorth-Jensen, Morten. Methods for studying weakly bound and unbound nuclei. Seminar; 2006-12-01 - 2006-12-01

138. Hjorth-Jensen, Morten. Nuclear Physics in Norway 2006-2011. OECD Global Science working group on Nuclear Physics; 2006-03-06 - 2006-03-07

139. Hjorth-Jensen, Morten. Nucleon-Nucleon interactions, from QCD to mesonic degrees of freedom. Nuclear Shell Model applications; 2006-02-13 - 2006-02-17

140. Hjorth-Jensen, Morten. Spectroscopic factors. Nuclear shell model applications; 2006-02-13 - 2006-02-17

141. Hagen, Gaute; Dean, David J.; Hjorth-Jensen, Morten; Papenbrock, Thomas. Building nuclei from the ground up. International Symposium on Nuclear Astrophysics - Nuclei in the Cosmos - IX; 2006-06-25 - 2006-06-30

142. Hagen, Gaute; Dean, David J.; Hjorth-Jensen, Morten; Papenbrock, Thomas. Coupled-cluster calculation of the 3-5He isotopes with Gamow-Hartree-Fock basis. Nuclei in the Cosmos 9; 2006-06-25 - 2006-06-30

143. Kartamychev, Maxim; Hjorth-Jensen, Morten; Engeland, Torgeir; Osnes, Eivind. Realistic Three-Nucleon Effective Interaction from the Folded-Diagram Theory. Nuclei in the Cosmos - IX; 2006-06-25 - 2006-06-30

144. Kartamychev, Maxim; Hjorth-Jensen, Morten; Engeland, Torgeir; Osnes, Eivind. Realistic Three-Nucleon Effective Interaction from the Folded-Diagram Theory. DNP 06; 2006-10-25 - 2006-10-28

145. Algin, Emel; Schiller, Andreas; Voinov, Alexander; Agvaanluvsan, Undraa; Belgya, Thomas; Bernstein, Lee; Chankova, Rositsa; Garrett, P.E.; Guttormsen, Magne; Hjorth-Jensen, Morten; Johnson, C.W.; Mitchell, Gary; Rekstad, John Bernhard; Siem, Sunniva; Younes, W.. Level densities and radiative strength functions in 56,57Fe and 96,97Mo. Second Workshop on Nuclear Structure Properties; 2005-11-07 - 2005-11-09

146. Algin, Emel; Schiller, Andreas; Voinov, Alexander; Agvaanluvsan, Undraa; Belgya, Thomas; Chankova, Rositsa; Guttormsen, Magne; Hjorth-Jensen, Morten; Johnson, C.W.; Mitchell, Gary; Rekstad, John Bernhard; Siem, Sunniva. Level densities and radiative strength functions. 23. International Physics Congress; 2005-09-13 - 2005-09-16

147. Guttormsen, Magne; Agvaanluvsan, Undraa; Chankova, Rositsa; Hjorth-Jensen, Morten; Rekstad, John Bernhard; Schiller, Andreas; Siem, Sunniva; Sunde, Ann-Cecilie; Syed, Naeem Ul Hasan; Voinov, Alexander. Single particle entropy in heated nuclei. International Conference on Frontiers in Nuclear Structure, Astrophysics and Reactions; 2005-09-12 - 2005-09-17

148. Hjorth-Jensen, Morten. Ab Initio nuclear structure methods: Monte Carlo methods and no-core shell model approaches. ISOLDE Physics Group Seminar; 2005-03-14 - 2005-03-14

149. Hjorth-Jensen, Morten. CHALLENGES FOR NUCLEAR STRUCTURE: FROM STABLE TO WEAKLY BOUND NUCLEI. International Symposium on Correlation Dynamics in Nuclei; 2005-01-31 - 2005-02-05

150. Hjorth-Jensen, Morten. Computational Environment for Nuclear Structure: CENS. Lecture Series at Michigan State University; 2005-04-11 - 2005-04-12

151. Hjorth-Jensen, Morten. Computers in Science Education. CMA workshop on 'Computers, computations and science education'; 2005-09-30 - 2005-09-30

152. Hjorth-Jensen, Morten. From the nucleon-nucleon interaction to a renormalized interaction for nuclear systems. Lecture series at Michigan State University; 2005-04-07 - 2005-04-08

153. Hjorth-Jensen, Morten. High-Performance Computing in Physics. High-Performance Computing in Physics workshop; 2005-11-04 - 2005-11-04

154. Hjorth-Jensen, Morten. Kvalitetsreformen, nye Muligheter for Samarbeid mellom Universitet og Næringsliv. Industridag, rom for muligheter; 2005-09-16 - 2005-09-16

155. Hjorth-Jensen, Morten. Large Scale Shell Model and Coupled Cluster Calculations. Microscopic Approaches to Many-Body Theories; 2005-08-30 - 2005-09-03

156. Hjorth-Jensen, Morten. Shell model approaches. 2nd VISTARS Workshop in Russbach; 2005-03-05 - 2005-03-12

157. Hjorth-Jensen, Morten. Variational and Diffusion Monte Carlo Calculations for Bose-Einstein condensation. Nonlinear PDE for Bose-Einstein condensed gases; 2005-11-11 - 2005-11-11

158. Honma, Micho; Otsuka, Takahuro; Mizusaki, T.; Hjorth-Jensen, Morten; Brown, Boyd Alexander. Effective Interactions for nuclei with A=50-100 and Gamow-Teller properties. International Symposium on Correlation Dynamics in Nuclei; 2005-01-31 - 2005-02-04

159. Dean, David J.; Hjorth-Jensen, Morten; Kowalski, Karol; Piecuch, Piotr; Wloch, Marta. Coupled Cluster Theory for Nuclei. International Workshop on Condensed Matter Theories CMT28; 2004-09-27 - 2004-10-02

160. Guttormsen, Magne; Chankova, Rosita; Hjorth-Jensen, Morten; Ingebretsen, Finn; Messelt, Svein; Rekstad, John Bernhard; Siem, Sunniva; Sunde, Ann-Cecilie; Ødegård, Stein Westad; Schiller, Andreas; Voinov, Alexander. Heated nuclei and radiative strength functions. CMA-workshop on computational advances in the nuclear many-body problem, Oslo, March 11-13, 2004; 2004-03-11 - 2004-03-13

161. Hjorth-Jensen, Morten. CENS: A computational Environment for Nuclear Structure. Isolde Lecture series; 2004-11-11 - 2005-11-25

162. Hjorth-Jensen, Morten. Challenges for Nuclear Structure; from Stable to Weakly Bound Nuclei. Theory seminar University of Tuebingen; 2004-12-07 - 2004-12-07

163. Hjorth-Jensen, Morten. Challenges for Nuclear Structure Studies. Isolde workshop 2004; 2004-12-13 - 2004-12-15

164. Hjorth-Jensen, Morten. Coupled Cluster approaches to nuclei, ground state and excited states. 8th INTERNATIONAL SPRING SEMINAR ON NUCLEAR PHYSICS; 2004-05-23 - 2004-05-27

165. Hjorth-Jensen, Morten. Effective Interactions for the Nuclear many-body problem. Workshop on Nuclear structure Studies for Light Nuclei; 2004-07-04 - 2004-07-08

166. Hjorth-Jensen, Morten. Fra Supernovaer og nøytronstjerner til nøytronrike kjerner; en reise fra giga/megameter til femtometer skala. Foredrag ved Norsk Astronomisk selskap; 2004-01-14 - 2004-01-14

167. Hjorth-Jensen, Morten. From non-linear PDEs to Monte-Carlo methods, a biased tour of open problems in computational quantum mechanics. CMA workshop on Mathematical Aspects of the Schroedinger Equation; 2004-06-14 - 2004-06-14

168. Hjorth-Jensen, Morten. Mathematics for Neutron Stars. Foredrag ved CMA; 2004-05-11 - 2004-05-11

169. Hjorth-Jensen, Morten. Nuclear Many-Body Approaches and Experiment; workshop summary. Insitute of Nuclear Theory workshop series; 2004-10-04 - 2004-10-08

170. Hjorth-Jensen, Morten. Nuclear structure and the coupled-cluster method. International Nuclear Physics Conference, INPC2004; 2004-06-27 - 2004-07-02

171. Hjorth-Jensen, Morten. Nuclear Structure for Radioactive Ion Beam Physic. ISOLDE PHYSICS GROUP SEMINAR SERIES; 2004-09-21 - 2004-09-21

172. Hjorth-Jensen, Morten. Selected Nuclear Structure Topics. Workshop on Nuclear structure Studies for Light Nuclei; 2004-07-04 - 2004-07-08

173. Hjorth-Jensen, Morten. Shell-Model Approaches and Effective Interactions for Weakly Bound Systems. Insitute Seminar Max-Planck Institut fuer Kern Chemie; 2004-12-06 - 2004-12-06

174. Hjorth-Jensen, Morten. Økt innsikt og læring ved hjelp av IKT i Fysikk. Det Umuliges kunst? IKT i utdanning - kvalitetetsreformen i praksis; 2004-04-28 - 2004-04-28

175. Piecuch, Piotr; Dean, David J.; Grour, Jeffrey; Hjorth-Jensen, Morten; Kowalski, Karol; Papenbrock, Thomas; Wloch, Marta. Coupled Cluster Calculations of Ground and Excited States of Nuclei. The Fourth International Conference on Exotic Nuclei and Atomic Masses; 2004-09-12 - 2004-09-16

176. Piecuch, Piotr; Wloch, Marta; Grour, Jeffrey; Dean, David J.; Hjorth-Jensen, Morten; Papenbrock, Thomas. Bridging quantum chemistry and nuclear structure theory: Coupled-cluster calculations for closed- and open-shell nuclei. NUCLEI AND MESOSCOPIC PHYSICS: Workshop on Nuclei and Mesoscopic Physics: WNMP 2004; 2004-10-23 - 2004-10-26

177. Vistnes, Arnt Inge; Hjorth-Jensen, Morten. Numerical methods as an integrated part of physics education. 9th Workshop on Multimedia in Physics Teaching and Learning; 2004-09-09 - 2004-09-11

178. Ovrum, Eirik; Leinaas, Jon Magne; Hjorth-Jensen, Morten. Quantum Computation of Energy Levels in a Spin Chain: A Detailed Simulation for a Small no of Spins. Gordon Research Conference; 2004-02-22 - 2004-02-28

179. Bagheri, Assadollah; Chankova, Rositsa; Guttormsen, Magne; Hjorth-Jensen, Morten; Ingebretsen, Finn; Messelt, Svein; Rekstad, John Bernhard; Schiller, Andreas; Siem, Sunniva; Sunde, Ann-Cecilie; Voinov, Alexander; Ødegård, Stein Westad. Electromagnetic and thermodynamic proprties of rare earth nuclei. The 10th Nordic Meeting on Nuclear Physics; 2003-05-12 - 2003-05-16

180. Guttormsen, Magne; Hjorth-Jensen, Morten; Rekstad, John Bernhard; Siem, Sunniva; Schiller, Andreas; Voinov, Alexander. MEASUREMENTS OF NUCLEAR LEVEL DENSITIES AND GAMMA-RAY STRENGTH FUNCTIONS AND THEIR INTERPRETATIONS. Invited talk at 10th International Seminar on Interaction of Neutrons with Nuclei (ISINN-10): Neutron Spectroscopy, Nuclear Structure, Related Topics, Dubna, Russia, 22-25 May 2002; 2002-05-22 - 2002-05-25

181. Hjorth-Jensen, Morten. Bruk av numeriske verktøy i undervisningen. Pedagogisk modul i 'Undervisning i matematiske og naturvitenskapelige fag'; 2003-05-23 - 2003-05-23

182. Hjorth-Jensen, Morten. Challenges for shell-model studies and emergent phenomena in nuclei. APS april meeting; 2003-04-04 - 2003-04-07

183. Hjorth-Jensen, Morten. Computational quantum mechanics. CMA seminar; 2003-05-06 - 2003-05-06

184. Hjorth-Jensen, Morten. Effective interactions for weakly bound systems. DNP fall meeting; 2003-10-29 - 2003-11-01

185. Hjorth-Jensen, Morten. Effective interactions for weakly bound systems. Mini/workshop on nuclear many/body physics; 2003-04-02 - 2003-04-02

186. Hjorth-Jensen, Morten. Effective interactions from Greens functions. Recent advances in the nuclear shell model; 2003-06-29 - 2003-07-12

187. Hjorth-Jensen, Morten. Many-body methods and the nuclear shell-model. 10th Nordic Nuclear Physics Meeting; 2003-05-12 - 2003-05-16

188. Hjorth-Jensen, Morten. Neutron stars and challenges for RIA physics. RIA theory working group workshop; 2003-11-02 - 2003-11-03

189. Hjorth-Jensen, Morten. Pairing correlations in nuclear systems. COMEX1; 2003-06-10 - 2003-06-13

190. Hjorth-Jensen, Morten. Pairing correlations in nuclear systems. Foredrag ved Oak Ridge National lab; 2003-08-12 - 2003-08-12

191. Schiller, Andreas; Becker, J.A.; Bernstein, Lee; Voinov, Alexander; Guttormsen, Magne; Hjorth-Jensen, Morten; Rekstad, John Bernhard; Siem, Sunniva; Agvaanluvsan, Undraa; Mitchell, Gary; Algin, Emel. Thermal aspects of the nuclear pairing process. The 10th Nordic Meeting on Nuclear Physics; 2003-05-12 - 2003-05-16

192. Schiller, Andreas; Bernstein, Lee; Voinov, Alexander; Guttormsen, Magne; Hjorth-Jensen, Morten; Rekstad, John Bernhard; Siem, Sunniva; Mitchell, Gary; Algin, Emel. Radiative strength functions and level densities. Eleventh International Symposium on Capture Gamma-Ray Spectroscopy and Related Topics; 2002-09-02 - 2002-09-06

193. Schiller, Andreas; Guttormsen, Magne; Hjorth-Jensen, Morten; Rekstad, John Bernhard; Siem, Sunniva. Caloric curves of nuclei. The DNP02 Fall Meeting of the Division of Nuclear Physics of the American Physical Society; 2002-10-09 - 2002-10-12

194. Brown, B.A.; Clement, R.; Schatz, H.; Giansiracusa, J.; Richter, W.A.; Hjorth-Jensen, Morten; Kratz, K.L.; Pfeiffer, B.; Walters, W.B.. Nuclear structure theory for the astrophysical rp-process and r-process. XVIIth International Nuclear physics divisional conference; 2002-09-30

195. Dean, David J.; Hjorth-Jensen, Morten. Toward coupled-cluster implementations in nuclear structure. Frontiers of Nuclear Structure 2002; 2002-07-29

196. Guttormsen, Magne; Hjorth-Jensen, Morten; Rekstad, John Bernhard; Siem, Sunniva; Schiller, Andreas; Voinov, Alexander. Measurements of Nuclear Level Densities and Gamma-Ray Strength Functions and their Interpretations. X International Seminar on Interaction of Neutrons with Nuclei, May 22-25 2002,; 2002-05-22

197. Hjorth-Jensen, Morten. Complex scaling and effective interactions for weakly bound nuclei. ; 2002

198. Hjorth-Jensen, Morten. Effective interactions and the nuclear shell model. Continuum aspects of the nuclear shell model; 2002-06-03

199. Hjorth-Jensen, Morten. Effective interactions for the nuclear shell model. Advanced computational methods for solving the nuclear many-body problem; 2002-03-12

200. Hjorth-Jensen, Morten. Effective interactions of the nuclear shell model. ; 2002

201. Hjorth-Jensen, Morten. Pairing correlations in nuclear systems. ; 2002

202. Hjorth-Jensen, Morten. Pairing correlations in nuclear systems, from neutron stars to finite nuclei. ; 2002

203. Hjorth-Jensen, Morten. Theory of effective interactions. ; 2002

204. Guttormsen, Magne; Hjorth-Jensen, Morten; Ingebretsen, Finn; Melby, Elin; Messelt, Svein; Rekstad, John Bernhard; Schiller, Andreas; Siem, Sunniva; Ødegård, Stein Westad. Thermodynamical properties in rare earth nuclei. North-West Europe Nuclear Physics Conference; 2001-04-17

205. Hjorth-Jensen, Morten. Brukerinformasjon om tungregneberegninger. Møte mellom Usit of Hewlett Packard; 2001-02-14

206. Hjorth-Jensen, Morten. Effective interactions for finite nuclei. Nato advanced workshop on the nuclear many-body problem; 2001-06-02

207. Hjorth-Jensen, Morten. Effective Interactions for the nuclear shell model. ISOL01; 2001-03-11

208. Hjorth-Jensen, Morten. Effective interactions for the nuclear shell-model. International workshop on continuum aspects of the nuclear shell model; 2001-09-24

209. Hjorth-Jensen, Morten. From finite nuclei to neutron stars and dense matter. Annual Meeting of the Norwegian physics society; 2001-06-14

210. Hjorth-Jensen, Morten. Kvantedatamaskinen, den neste teknologiske revolusjonen?. Faglig pedagogisk dag universitetet i oslo; 2001-01-03

211. Hjorth-Jensen, Morten. Nye trender i kvantefysikk. Fysikk kurs for gymnaslærere; 2001-11-27

212. Hjorth-Jensen, Morten. Pairing correlations in nuclear systems. ; 2001

213. Hjorth-Jensen, Morten. Pairing correlations in nuclear systems, from neutrons starts to finite nuclei. Yukawa International seminar 2001, Physics of unstable nuclei; 2001-11-05

214. Hjorth-Jensen, Morten. Phases of dense matter in neutron stars. Graduate programme in nuclear physics, Copenhagen-Giessen; 2001-01-25

215. Schiller, Andreas; Guttormsen, Magne; Hjorth-Jensen, Morten; Melby, Elin; Rekstad, John Bernhard; Siem, Sunniva.Thermodynamical properties of rare earth nuclei: the melting of pair correlations. International Nuclear Physics Conference; 2001-07-30

216. Schiller, Andreas; Guttormsen, Magne; Hjorth-Jensen, Morten; Melby, Elin; Rekstad, John Bernhard; Siem, Sunniva; Voinov, Alexander. Level density, thermodynamics and radiative strength. First Joint Meeting of the Nuclear Physicists of the American and Japanese Physical Societies; 2001-10-17

217. Engeland, Torgeir; Hjorth-Jensen, Morten; Osnes, Eivind. Effective interactions for medium heavy nuclei. 5th international conference on radioactive nuclear beams; 2000-04-03

218. Guttormsen, Magne; Hjorth-Jensen, Morten; Melby, Elin; Rekstad, John Bernhard; Schiller, Andreas; Siem, Sunniva. Single quasiparticle entropy in excited nuclei with T $<$ 1MeV. Bologna 2000, Structure of the Nucleus at the Dawn of the Century; 2000-05-29

219. Guttormsen, Magne; Hjorth-Jensen, Morten; Melby, Elin; Rekstad, John Bernhard; Schiller, Andreas; Siem, Sunniva. Thermal quenching of pair correlations in rare earth nuclei. Bologna 2000, Structure of the Nucleus at the Dawn of the Century; 2000-05-29

220. Hjorth-Jensen, Morten. Effective interactions for finite nuclei. Physics with Radioactive Beams; 2000-11-27

221. Hjorth-Jensen, Morten. Effective interactions for nuclear systems. Nuclear structure for the 21st century; 2000-10-15

222. Hjorth-Jensen, Morten. Kvantedatamaskinen, den neste teknologiske revolusjonen?. IAESTE næringslivsdager; 2000-09-13

223. Hjorth-Jensen, Morten. Nuclear structure from finite nuclei to neutron stars. Twelfth summer school in nuclear physics; 2000-07-03

224. Hjorth-Jensen, Morten. Phases of dense matter in neutron stars. EOS2000; 2000-02-20

225. Schiller, Andreas; Guttormsen, Magne; Hjorth-Jensen, Morten; Melby, Elin; Rekstad, John Bernhard; Siem, Sunniva. Level density and thermal properties in rare earth nuclei. International Conference Nuclear Structure and Related Topics; 2000-06-01

226. Siem, Sunniva; Guttormsen, Magne; Hjorth-Jensen, Morten; Melby, Elin; Rekstad, John Bernhard; Schiller, Andreas. Level densities and the thermal quenching of pair correlations in rare earth nuclei. 7th int. conf. Nucleus Nucleus collisions; 2000-07-06

227. Siem, Sunniva; Schiller, Andreas; Guttormsen, Magne; Hjorth-Jensen, Morten; Melby, Elin; Rekstad, John Bernhard. Level density and thermal properties in rare earth nuclei. Symposium on exotic nuclear structures; 2000-05-17

228. Vidanya, Isaac; Polls, Artur; Ramos, Angels; Engvik, Lars; Hjorth-Jensen, Morten. Hyperon effects on the properties of beta-stable neutron star matter. HYP2000; 2000-10-23

229. Dean, David J.; Hjorth-Jensen, Morten; Liotta, Roberto; Zuker, A.P.. Advances in shell model studies in nuclei far from stability. Advances in shell model studies in nuclei far from stability; 1999-01-01

230. Guttormsen, Magne; Bergholt, Lisbeth; Hjorth-Jensen, Morten; Ingebretsen, Finn; Melby, Elin; Messelt, Svein; Rekstad, John Bernhard; Schiller, Andreas; Siem, Sunniva; Ødegård, Stein Westad. Level density extraction technique and applications. International workshop on nuclear densities; 1999-10-18

231. Hjorth-Jensen, Morten. Effective interactions for finite nuclei. Advances in nuclear many-body theory; 1999-08-01

232. Hjorth-Jensen, Morten. Faseoverganger i endelige systemer?. ; 1999

233. Hjorth-Jensen, Morten. From finite nuclei to neutron stars. NFR meeting on Cern related Physics; 1999-10-01

234. Hjorth-Jensen, Morten. Pairing correlations, from finite nuclei to infinite matter. Recent progress in Many-Body theories 10; 1999-09-10

235. Hjorth-Jensen, Morten. Phases of dense matter in neutron stars. ; 1999

236. Melby, Elin; Bergholt, Lisbeth; Guttormsen, Magne; Hjorth-Jensen, Morten; Ingebretsen, Finn; Messelt, Svein; Rekstad, John Bernhard; Schiller, Andreas; Siem, Sunniva; Ødegård, Stein Westad. Experimental temperature and heat capacity in rare earth nuclei. Int. Conf. on Achievements and Perspectives in Nuclear Structure; 1999-07-11

237. Rekstad, John Bernhard; Bergholt, Lisbeth; Guttormsen, Magne; Hjorth-Jensen, Morten; Ingebretsen, Finn; Melby, Elin; Messelt, Svein; Schiller, Andreas; Siem, Sunniva; Ødegård, Stein Westad. Measurements of level densities and gamma ray strength functions. The X International Symposium on capture gamma-ray; 1999-09-03

238. Elgarøy, Øystein; Hjorth-Jensen, Morten. Properties of Pairing Correlations in Infinite Nuclear Matter. Condensed Matter theories 21; 1998-01-01

239. Engeland, Torgeir; Hjorth-Jensen, Morten; Holt, Anne; Osnes, Eivind. Realistic Effective Interactions and Large-Scale Nuclear Structure Calculation. Highlights of modern nuclear structure; 1998-05-01

240. Heiselberg, Henning; Hjorth-Jensen, Morten. Phase transitions in neutron stars. Nuclear Astrophysics; 1998-01-01

241. Hjorth-Jensen, Morten. Nuclear structure from $N \approx Z$ to $N >> Z$. Highlightsof modern nuclear structure; 1998-05-01

242. Vidanya, Isaac; Polls, Artur; Ramos, Angels; Hjorth-Jensen, Morten. Binding energy of Lambda hypernuclei from realistic YN interactions. Mesons and Light Nuclei; 1998-09-01

243. Engeland, Torgeir; Hjorth-Jensen, Morten; Holt, Anne; Osnes, Eivind. Extensive Shell-Model calculations in the tin isotopes. workshop on double-beta decay; 1996-01-01

244. Engeland, Torgeir; Hjorth-Jensen, Morten; Holt, Anne; Osnes, Eivind. Realistic Large basis shell-model calculation in the low-mass tin isotopes. symposium on frontiers of nuclear structure physics; 1996-01-01

245. Osnes, Eivind; Hjorth-Jensen, Morten; Engeland, Torgeir; Holt, Anne. Shell model calculations with realistic effective interactions. Nuclear structure models; 1993-01-01

246. Hjorth-Jensen, Morten; Osnes, Eivind; Muther, Herbert; Schmid, K.W.; Kuo, T.. Microscopic nuclear structure calculations with modern meson-exchange potentials. Understanding the variety of nuclear excitations; 1991-01-01

Organization of workshops, schools and advanced courses. TBA

Member of Advisory Committees at Michigan State University. TBA