Physical Review C
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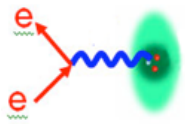
Physical Review C

About *Physical Review C*

Physical Review C contains research articles reporting experimental and theoretical results in all aspects of nuclear physics, including the nucleon-nucleon interaction, few-body systems, nuclear structure, nuclear reactions, relativistic nuclear collisions, hadronic physics and QCD, electroweak interaction, symmetries, and nuclear astrophysics. More...

Physics: Exclusive pions

April 26, 2010

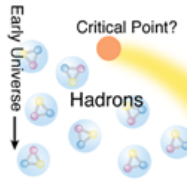


A theoretical model can now accurately explain pions produced by the scattering of electrons off nucleons over a wide energy range.
[Synopsis on Phys. Rev. C **81,** 045202 (2010)]

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Physics: Taking the temperature of extreme matter

March 29, 2010



Researchers at the Relativistic Heavy Ion Collider have now measured the temperature of hot dense matter created in a nuclear collision.
[Viewpoint on Phys. Rev. C **81,** 034911 (2010)]
[Viewpoint on Phys. Rev. Lett. **104,** 132301 (2010)]

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REVTeX 4.1 Update Released

March 15, 2010

A new release of REVTeX 4.1 has been released. This release addresses bugs in the initial release and offers improved handling of footnotes and bibliography entries and better compatibility with more packages. Please see http://authors.aps.org/revtex4/ for more information.

More News/Announcements

APS Announces 157 New *Outstanding Referees* for 2010

January 26, 2010



The editors of the APS journals have selected 157 new Outstanding Referees for 2010, out of more than 42,000 currently active referees. Initiated in 2008, the highly selective Outstanding Referee program recognizes scientists who have been exceptionally helpful in assessing manuscripts for publication in the APS journals. Selections are based on two decades of records on the number, quality, and timeliness of referee reports. The 2010 honorees come from 30 different

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Over 99,300 referrals to referees were made in 2009 for Physical Review journals.

News, Announcements, and Editorials

- **REVTeX 4.1 Update Released (March 15, 2010)**
- **APS Announces 157 New *Outstanding Referees* for 2010 (January 26, 2010)**
- **APS Journals Come Home (January 4, 2010)**
- **REVTeX 4.1 Released (October 13, 2009)**
- **Editorial: APS now leaves copyright with authors for derivative works (October 1, 2008)**

More News

Most cited articles from 2005

1 Electron energy spectra, fluxes, and day-night asymmetries of ^{8}B solar neutrinos from measurements with NaCl dissolved in the heavy-water detector at the Sudbury Neutrino Observatory
2 Proton elastic form factor ratios to Q^2=3.5 GeV^2 by polarization transfer
3 Multiphase transport model for relativistic heavy ion collisions
4 Azimuthal anisotropy in Au+Au collisions at $sqrt[s_{NN}]$ =200 *GeV*
5 Superallowed $0^+ \rightarrow 0^+$ nuclear β decays: A critical survey with tests of the conserved vector current hypothesis and the standard model
6 How much do heavy quarks thermalize in a heavy ion collision?
7 New relativistic mean-field interaction with density-dependent meson-nucleon couplings
8 Phase structure of two-flavor quark matter: Heterogeneous superconductors
9 Publisher's Note: Proton elastic form factor ratios to Q^2=3.5 GeV^2 by polarization transfer [Phys. Rev. C 71, 055202 (2005)]
10 Momentum-space treatment of the Coulomb

countries, with large contingents from the US, Germany, UK, Canada, and France. The decisions were difficult and there are many excellent referees who have yet to be recognized. By means of the program, APS expresses appreciation to all referees, whose efforts in peer review not only keep the standards of the journals at a high level, but in many cases also help authors to improve the quality and readability of their articles—even those that are not published by APS. For more information and a sortable listing of all Outstanding Referees, please visit http://publish.aps.org/OutstandingReferees.

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APS Journals Come Home

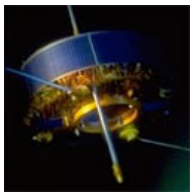
January 4, 2010

As part of a new APS initiative all APS journal content from 1893 to present is now hosted on a single platform run by the APS Editorial Office. In addition, we have added new APS Journal accounts that will allow us to better integrate all APS services provided to readers, authors, referees, and members during the coming year while allowing users to have a more personalized view. This new foundation will allow APS to move quickly to introduce many new features across all of our web sites.

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Physical Review Focus: Mapping Turbulence in the Solar Wind

April 30, 2010



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interaction in three-nucleon reactions with two protons