DR. ÁGNES MÓCSY

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ACADEMIC EXPERIENCE

Associate Professor (2011 September - Present)
Pratt Institute, Department of Mathematics and Science, Brooklyn, New York, USA

Assistant Professor (2008 September - 2011 August)
Pratt Institute, Department of Mathematics and Science, Brooklyn, New York, USA

Research Associate (2005 October - 2008 September)
RIKEN-BNL Research Center, Brookhaven National Laboratory, USA

Alexander von Humboldt Research Fellow (2003 October - 2005 September)
Theoretical Physics Institute & Frankfurt Institute for Advanced Studies, Frankfurt, Germany

Research Associate (2001 October - 2003 September)
The Niels Bohr Institute, Copenhagen, Denmark

EDUCATION

Ph.D. in Theoretical Physics (2001) University of Minnesota, Minneapolis, MN, USA.

M.Sc. in Physics (1996) University of Bergen, Bergen, Norway.

B.S. in Physics (1994) Babeş - Bolyai University, Cluj-Napoca, Romania.

ACADEMIC HONORS AND ACHIEVEMENTS

Physics Behind Bars grant awarded by the American Physical Society, February 2015

Woman Physicist of the Month award by the American Physical Society, May 2014

Mellon Grant Recipient for research and travel 2008, 2011, 2013, 2014, and 2015 Pratt Institute

Alexander von Humboldt Research Fellowship 2003 - 2005 Goethe University, Frankfurt, Germany

Louise T. Dosdall Fellowship 2000 - 2001 University of Minnesota, Minneapolis, USA

Nordplus Award Scholarship 1995 - 1996 Niels Bohr Institute, Copenhagen, Denmark

Study Scholarship 1993 Eötvös -University, Budapest, Hungary

Merit Scholarship 1990 - 1994 Babeş-Bolyai University, Cluj, Romania

PUBLICATIONS AND PRESENTATIONS

Author of
34 refereed physics articles - contributor to 1 with 500+, 1 with 250+, 5 with 100+, and 3 with 50+ citations
1 review article
26 published conference proceedings (10 of these refereed)
and 4 news articles

Presenter of
85 scientific talks, 8 posters and **11 public talks** with 6 upcoming public talks

See list of Selected Publications and list of Selected Talks

TEACHING AND STUDENT ADVISING

Courses Taught at Pratt Institute (2008 - Present)

MSCI-223 Astronomy [Fall 09, 10, 11, 12, 13, 14; Spring 10, 11, 12, 13, 14, 15]
MSCI-221 Conceptual Physics [Fall 10, 11, 12, 13, 14]
LAS-499-07 Independent Study [Spring 12, Fall 13 - Spring 14, Spring 15]
MSCI-110P Introduction to Physics and Chemistry [Spring 09, 10, 11, 12, 13, 14, 15]
SCI-117 Physics in Design [Fall 09]
SCI-170 Introductory Science [Fall 08]

Advised Undergraduate Students: Raine Manley Robertson (Photography), Sarah Szabo (Painting), and Alexandra Borelli (Illustration) for Independent Studies; Alexander Doig (Illustration), Kat Bauer (Illustration), Adam Warner (Creative Writing, Journalism), Samantha Kahrar (Film), Laurenca Alencar (Film),Teiler Kwan (Architecture, now Physics)

Graduate Students: Chenxin Yan (3D Animation), Selen Sariel (Graphic Design)

Invited Lecturer at the "pre-Hard Probes Summer School", University of Cape Town, South Africa, 1-3 November 2013. Presented lectures for physics graduate students and post-docs

Invited Lecturer at the "Quark Matter" Conference in Annecy, France 23-28 May 2011. Presented a lecture at the student day for approximately 300 physics graduate students and post-docs

Invited Lecturer at the International School "Quark Gluon Plasma and Heavy Ion Collisions" in Torino, Italy, 8-14 December 2008. Gave three lectures for graduate students and postdocs.

Lecturer (2003 - 2005) Goethe University, Frankfurt, Germany
Taught Quantum Field Theory and QCD.

Teaching Assistant (1996 - 1998) University of Minnesota
Responsible for recitations, laboratory sessions, office hours, and exam preparations for calculus based introductory physics. Studied teaching techniques and learning methods in three week annual workshops.

PUBLIC ENGAGEMENT

Invited speaker on "When Physics Met Fashion" in the Science on Screen series, Huntington Cinema Arts Centre, NY, July, 2015.

Invited speaker and panelist at "Pathway to Excellence: Experiences of Illuminating Women in Science", Uppsala University, Sweden, May 22, 2015 `http://www.yacadeuro.org/workshops/womeninscience2015.htm`.

Invited panelist at "Tour of the Universe", East Village Planetarium, NY, May 11, 2015.

Invited talk "When Physics Met Fashion", Pratt Design School Symposium, March 25, 2015.

Keynote speaker at "Girl Power in STEM", Stony Brook University, March 7, 2015 `http://www.horsetrade.info/event/2f618a08647071ad231526c81598d82d/Science-Happy-Hour`.

Panelist on "Science Happy Hour at STEM Fest", Under St. Marks Theater, East Village, NY, January 16, 2015 `http://www.horsetrade.info/event/2f618a08647071ad231526c81598d82d/Science-Happy-Hour`.

Distinguished Scientists and Engineers from Underrepresented Groups Speaker on "On Being a Woman in Physics: My Experiences Where the Sidewalk Ends", University of Minnesota, 12 December 2014.

Colloqium Speaker on "Unexplored Cross-sections: A Physicist's Dip Into the Art World ", University of Minnesota, 10 December 2014.

Panelist on "Art Meets Science Meets Art" and Roundtable on "Excavating the Universe: Physics Interacts with the Arts", The Commons, University of Kansas, 21 November 2014.

Career Panel Speaker at the "Young Researchers Symposium", Brookhaven National Laboratory, NY, 20 November 2014.

Co-organizer and Panelist on "Science Happy Hour at BAR: A Causal Evening about Big Science" `http://star.physics.yale.edu/BAREVENT/`, New Haven, CT, October 16, 2014.

Organizer of fine art exhibit "Glamorous Gluons" based on collaboration with artist Sarah Szabo, Brookhaven National Laboratory, NY, on view since 12 June 2014.

Writer of outreach article "Ösrobbanás, ma" published in Hungarian in the monthly culture magazine Müvelodés, Romania, June 2014.

Invited Panelist for "PubSci: Big Bang Physics and the Building Blocks of Matter" `http://www.bnl.gov/newsroom/news.php?a=24704`, Patchogue, NY, March 11, 2014.

Invited Speaker on science-art fusion work "When Worlds Collide" at the International Workshop on Collectivity in Relativistic Heavy Ion Collisions, Kolymbari, Crete, 15 September 2014.

Invited Speaker on science-art fusion work "When Worlds Collide" at the Winter Workshop on Nuclear Dynamics, Galveston, TX, April 2014.

Invited Talk on "Smashing Matters and The Making of a Documentary", Frankfurt Institute for Advanced Studies, Frankfurt, Germany, 12 July 2013.

Plenary Talk on "Smashing Matters, the Making of a Documentary", RHIC/AGS Users Meeting, Brookhaven National Laboratory, 27 June 2013.

Producing and Directing a documentary film on the Quark Matter Conference 2012 in Washington DC, and the op-doc science advocacy video *Smashing Matters* with accompanying website `http://www.smashingmatters.org`

Invited Panelist for "The Future Well Made: On the Conditions for a Personal Vision" `http://www.uniondocs.org/2012-05-19-the-future-well-made/` at UnionDocs, Brooklyn, NY, May 19, 2012.

Creator and Leader of Physics and Art collaborations between graduate/undergraduate Pratt students and physicists, including the The Sound of the Little Bangs website and educational video, a project integrating cutting edge discoveries from relativistic heavy ion collision into an video animated by a Pratt undergraduate illustration major and covered by dozens of news agencies around the world. `http://www.soundofthelittlebang.com`

Organizing Competitions Science Conference Poster Design for Pratt students, 6 editions since 2012 `http://www.agnesmocsy.com/#!poster-competitions/csdg`

Organizing Trips for Pratt students, faculty, and administration to visit the Relativistic heavy Ion Collider at Brookhaven National Laboratory, NY, and set up meetings for artist and scientist to interact directly.

PROFESSIONAL ACTIVITIES

Committee Memberships

- Elected to the RHIC Users Executive Committee (3 year appointment started June 2014)

- Participant in lobbying trips to Capitol Hill on behalf of the US Nuclear Science Community (2013, 2014, 2015)
- Program Committee for the Division of Nuclear Physics of the American Physical Society (2012 - 2014)
- Home Page Committee for the Division of Nuclear Physics of the American Physical Society (2011 - 2014)
- International Advisory Committee for Strangeness in Quark Matter International Conference (2008-2011, 2013)

Organizer

- Local Organizing Committee of the international conference Quark Matter 2016, Chicago edition.
- Founder and Chair of "ArtSci Affair" colloquium series at Pratt Institute, NY, started in October 2014.
- Hot Quarks 2014 Workshop for Young Scientists on *the Physics of Ultrarelativistic Nucleus-Nucleus Collisions*, September 21-27, 2014 Las Negras, Andalucia, Spain
- Hot Quarks 2012 Workshop for Young Scientists on *the Physics of Ultrarelativistic Nucleus-Nucleus Collisions*, October 14-20, 2012 Copamarina, Puerto Rico
- Workshop for the RHIC& AGS Users' Meeting: *Charm and Beauty school: What heavy quarks can tell us about the sQGP*, May 27, 2008, Brookhaven National Laboratory, NY, USA
- International workshop on *Understanding QGP through Spectral Functions and Euclidean Correlators*, April 21-23, 2008, RIKEN-BNL, Brookhaven National Laboratory, NY, USA
- International Conference on *Early Time Dynamics in Heavy Ion Collisions*, July 16-19, 2007, McGill University, Montreal, Canada
- 4th International Workshop on *Heavy Quarkonia*, June 27-30, 2006 at Brookhaven National Laboratory, NY, USA

Pratt Institute Service Activities

- **Member** of the Curriculum Review Committee, Math and Science Department, Pratt Institute, 2011 - Present
- **Member** of the Peer Review Committee, Math and Science Department, Pratt Institute, 2008 - Present
- **Member** of the Faculty Hiring Committee, Math and Science Department, Pratt Institute, 2012-13
- **Organizer** of Faculty Lunch Seminars, Math and Science Department, Pratt Institute, 2011 - Present
- **Chair** of the Peer Review Committee, Math and Science Department, Pratt Institute, 2011-2012
- **Chair** of the Laboratory Committee, Math and Science Department, Pratt Institute, 2009-2010
- **Member** of the Library Head of Public Services Search Committee, Pratt Libraries, Pratt Institute, 2009-2010

Refereed or Reviewed

- Nature
- Physical Review Letters
- Physical Review D
- Physical Review C
- Nuclear Physics A
- The European Physical Journal
- Journal of Physics G

PROFESSIONAL AFFILIATIONS

American Physical Society
Division of Nuclear Physics of the APS
APS Topical Group on Hadronic Physics

RECENT PUBLICATIONS

See Full List of Publications with citation record at the end of the CV

Publications Since Joining Pratt

Quarkonia in the Quark Gluon Plasma
Á. Mócsy, P. Petreczky, and M. Strickland
Int. J. Mod. Phys. A **28**, 1340012 (2013) HEP entry

Viscosity Versus Causality
Á. Mócsy,
Prog. Theor. Phys. Suppl. 193, 331 (2012). HEP entry

The Rise and Fall of the Ridge in Heavy Ion Collisions
P. Sorensen, B. Bolliet, Á. Mócsy, Y. Pandit and N. Pruthi,
Phys. Lett. B 705, 71 (2011) [arXiv:1102.1403 [nucl-th]]. HEP entry

Analyzing the Power Spectrum of the Little Bangs
Á. Mócsy and P. Sorensen,
Nucl. Phys. A 855, 241 (2011) [arXiv:1101.1926 [hep-ph]]. HEP entry

Quarkonium Spectral Functions with Complex Potential
P. Petreczky, C. Miao and Á. Mócsy,
Nucl. Phys. A 855, 125 (2011) [arXiv:1012.4433 [hep-ph]]. HEP entry

The Sound of the Little Bangs
Á. Mócsy and P. Sorensen,
arXiv:1008.3381 [hep-ph]. HEP entry

Heavy Quarkonium: Progress, Puzzles, and Opportunities
N. Brambilla, *et al.*,
Eur. Phys. J. C 71, 1534 (2011) arXiv:0908.3983 [nucl-th]. HEP entry

Detecting a First-Order Transition in the QCD Phase Diagram with Baryon-Baryon Correlations
Á. Mócsy and P. Sorensen,
Phys. Lett. B 690, 135 (2010) arXiv:0908.3983 [nucl-th]. HEP entry

Quarkonium Spectral Functions
Á. Mócsy,
Nucl. Phys. A 830, 411C (2009) arXiv:0908.0746 [hep-ph]. HEP entry

Quarkonium States in an Anisotropic QCD Plasma
A. Dumitru, Y. Guo, Á. Mócsy, M. Strickland,
Phys. Rev. D 79, 054019 (2009) [arXiv:0901.1998 [hep-ph]]. HEP entry

Potential Models for Quarkonia
Á. Mócsy,
Eur. Phys. J. C 61, 705 (2009) [arXiv:0811.0337 [hep-ph]]. HEP entry

News Articles

The Sound of The Little Bang
News article in **InsideRHIC**, April 30, 2010 at `http://www.bnl.gov/rhic/inside/`

The Quarkonium Working Group meets at DESY at the dawn of the LHC era
CERN Courier Volume 48 Number 2 March 2008.

Report from the Early Time Dynamics in Heavy Ion Collisions
RHIC News `http://www.bnl.gov/rhic/news/082807/story3.asp`

PRESENTATIONS

Physics Presentations Since Joining Pratt

Quarkonium in Hot Bath - Overview, Invited Plenary talk at **Hard Probes 2013**, Stellenbosch, South Africa, 4-8 November 2013.

Hydrogen-like Atoms as Mili-Angstrom Scale Lepton Detectors, Invited talk at **Relativist Aspects of Nuclear Physics**, Rio de Janeiro, Brazil, 23-27 September 2013.

Hydrogen-like Atoms as Mili-Angstrom Lepton Detectors, Invited talk at **Frontiers of Nuclear Physics**, Guadeloupe, France, 11-15 March 2013.

Hydrogen-like Atoms from Relativistic Heavy Ion Collisions, Invited talk at **Thermal Radiation Workshop**, Brookhaven, NY, 5-7 December 2012.

Hydrogen-like Atoms from Ultra-relativistic Nuclear Collisions, Talk at **DNP Meeting** of the American Physical Society, Newport Beach, CA, 26 October 2012.

Hydrogen-like Atoms from Relativistic Heavy Ion Collisions, Invited talk at **JoeFest**, Montreal, Canada, 12-14 June 2012.

Viscosity vs Causality, Contributed talk at **International Symposium on Multi-particle Dynamics**, Hiroshima, Japan, 27 September 2011.

Quarkonium as a Probe of a Hot QCD Medium, Invited talk at **XQCD 2011**, San Carlos, Mexico, 18-20 July 2011.

Update on Quarkonium in Hot Medium, Seminar at **Frankfurt Institute of Advanced Studies**, Frankfurt, Germany, 1 July 2011.

Quarkonium Production in Hot Medium, Invited talk at **Brookhaven Summer Program**, Brookhaven, NY, 6-18 June 2011.

Rise and Fall of the Ridge, Poster at **Quark Matter** Conference, Annecy, France, 23-28 May 2011.

The Sound of the Little Bang, Swap "N" Share seminar at **Pratt Institute**, Brooklyn, NY, 5 May 2011.

Power Spectrum and Viscosity in Heavy Ion Collisions, Contributed talk at **American Physical Society Spring Meeting**, Anaheim, CA, 29 April 2011.

The Sound, The Temperature, and the Little Bangs, Department Colloquium at **Wayne State**, Detroit, MI, 17 February 2011.

Analyzing the Power Spectrum of the Little Bangs, Contributed talk at **Hard Probes 2010**, Eilat, Israel, 10-15 October 2010.

Quarkonium on the Lattice, Invited talk at the **Quarkonium and deconfined matter in the LHC era**, Martina Franca, Italy, 16-19 June 2010.

Potential in Anisotropic Plasma, Invited talk at the **International Workshop on Heavy Quarkonium** of the Quarkonium Working Group, Fermilab, USA, 18-21 May 2010.

The Sound of the Little Bang, Contributed talk at **"April" Meeting** of the meeting of the bf American Physical Society, Washington DC, USA, 13-17 February 2010.

Overview of potential Models: Do we agree or disagree?, Invited talk at the joint **CATHIE/TECHQM** workshop at Brookhaven National Laboratory, Upton, USA, 14-18 December 2009.

Will We See a Perturbative QGP at the LHC?, Invited talk at **The Next Decade of Probing Hot and Dense Nuclear Matter** session of the meeting of the **Nuclear Physics Divisions of the American Physical Society and the Physical Society of Japan**, Hawaii, USA, 13-17 October 2009.

Potential Models and Spectral Functions, Invited key speaker at the **CATHIE-INT Workshop: Quarkonium in Hot Media**, Seattle, USA, 16-26 June 2009.

Baryon-Baryon Correlations, Contributed talk at **Critical Point and Onset of Deconfinement**, Brookhaven, New York, USA, 18-22 June 2009.

Quarkonium at Finite Temperature: Phenomenology and Lattice, Invited talk at the Heavy Flavor Workshop at **RHIC/AGS Annual Users' Meeting**, Brookhaven, New York, USA, 2 June 2009.

Quarkonium at High Temperature: Phenomenology and Lattice, Seminar at **Baruch College**, New York, 8 May 2009.

Quarkonia in Hot Dense Medium, Plenary invited talk at **3rd Workshop of the APS Topical Group in Hadron Physics**, Denver, Colorado, 29 April 29 - 1 May 2009.

"I've got no strings" and other lessons about Quarkonium, Invited talk at **Quantum Field Theory in Extreme Environments**, Paris, France, 23-25 April 2009.

Quarkonium Spectral Functions, Plenary invited talk at **Quark Matter 2009**, Knoxwille, Tennessee, 30 March - 4 April 2009.

Baryon-Baryon Correlations as a Signature of a Quarkyonic Phase on the QCD Phase Diagram, Poster at **Quark Matter 2009**, Knoxwille, Tennessee, 30 March - 4 April 2009.

Other Selected Conference Talks

Quarkonia from Lattice and Potential Models, Invited talk at **Characterization of the Quark Gluon Plasma with Heavy Quarks**, Bad Honnef, Germany, 25-28 June 2008.

Potential Models for Quarkonia, Plenary invited talk at **Hard Probes 2008**, Illa da Toxa, Spain, 8-14 June 2008.

Quarkonia Melting Above Deconfinement, Talk at **Quark Matter 2008**, Jaipur, India, 4-10 February 2008.

Quarkonium correlators and potential models, invited Plenary talk at **Heavy Quarkonium 2007**, DESY-Hamburg, Germany, 17-20 October 2007.

Can Quarkonia Survive Deconfinement?, Invited talk at **Strange Quark Matter**, Levoca, Slovakia, 24-29 June 2007.

Can Quarkonia Survive Deconfinement?, Invited talk at **RHIC/AGS Annual Users' Meeting**, Brookhaven, New York, USA, 18-22 June 2007.

Quarkonium Survival in a Gluon Plasma - Spectral Function Analysis, Talk at **Quark Matter 2006**, Shanghai, China, 13-20 November 2006.

Ground state quarkonium spectral functions above deconfinement, Talk at **Hard Probes 2006**, Asilomar, Pacific Grove, California, 9-16 June 2006.

Heavy quarkonia above deconfinement, Invited talk at **Continuous Advances in QCD**, Minneapolis, Minnesota, 11-14 May 2006.

S-wave quarkonia in potential models, Talk at **Strange Quark Matter**, Los Angeles, California, 26-31 March 2006.

Heavy quarkonia above deconfinement, Invited talk at **Continuous Advances in QCD**, Minneapolis, Minnesota, 11-14 May 2006.

S-wave quarkonia in potential models, Talk at **Strange Quark Matter**, Los Angeles, California, 26-31 March 2006.

Quarkonia Correlators Above Deconfinement, Talk at **Quark Matter 2005**, Budapest, Hungary, August 4–9, 2005.

Understanding the Nature of the QCD Transition, **Colloquium** at the University of Münich, Münich, Germany, February 9, 2005.

Heavy Quarkonia Survival in Potential Model, Talk at **Hard Probes 2004**, Lisbon, Portugal, November 4–10, 2004.

Old Puzzle in New Perspective, Invited talk at **Strange Quark Matter**, Cape Town, South Africa, September 15–20, 2004.

Deconfinement and Chiral Symmetry Restoration, Invited talk at **Continuous Advances in QCD**, Minneapolis, MN, USA, May 13–16, 2004.

Deconfinement and Chiral Symmetry Restoration, Invited talk at **Hadron–RANP 2004**, Angra dos Reis, Rio de Janiero, Brazil, March 28 – April 3, 2004.

Linking Deconfinement and Chiral Symmetry Restoration, Talk at **Quark Matter 2004**, Oakland, California, USA, January 11–17, 2004.

FULL PUBLICATION LIST Citation according to inSPIRE as of May 5, 2015
`http://inspirehep.net/search?p=find+a+mocsy`

1. **"Quarkonia in the Quark Gluon Plasma"**
   A. Mocsy, P. Petreczky and M. Strickland,
   Int. J. Mod. Phys. A **28**, 1340012 (2013)
   [arXiv:1302.2180 [hep-ph]].

2. **"The Rise and Fall of the Ridge in Heavy Ion Collisions"**
   P. Sorensen, B. Bolliet, A. Mocsy, Y. Pandit and N. Pruthi.
   arXiv:1102.1403 [nucl-th]
   Phys. Lett. B **705**, 71 (2011) HEP entry

3. **"Analyzing the Power Spectrum of the Little Bangs"**
   A. Mocsy and P. Sorensen.
   arXiv:1101.1926 [hep-ph]
   Nucl. Phys. A **855**, 241 (2011) HEP entry

4. **"Quarkonium spectral functions with complex potential"**
   P. Petreczky, C. Miao and A. Mocsy.
   arXiv:1012.4433 [hep-ph]
   Nucl. Phys. A **855**, 125 (2011) HEP entry
   CITED by 60 records

5. **"Heavy quarkonium: progress, puzzles, and opportunities"**
   N. Brambilla, S. Eidelman, B. K. Heltsley, R. Vogt, G. T. Bodwin, E. Eichten, A. D. Frawley and A. B. Meyer *et al.*.
   arXiv:1010.5827 [hep-ph]
   Eur. Phys. J. C **71**, 1534 (2011) HEP entry
   CITED by 743 records

6. **"The Sound of the Little Bangs"**
   A. Mocsy and P. Sorensen.
   arXiv:1008.3381 [hep-ph] HEP entry

7. **"Detecting a First-Order Transition in the QCD Phase Diagram with Baryon-Baryon Correlations"**
   A. Mocsy and P. Sorensen.
   arXiv:0908.3983 [nucl-th]
   Phys. Lett. B **690**, 135 (2010) HEP entry

8. **"Quarkonium Spectral Functions"**
   A. Mocsy.
   arXiv:0908.0746 [hep-ph]
   Nucl. Phys. A **830**, 411C (2009) HEP entry

9. **"Quarkonium states in an anisotropic QCD plasma"**
   A. Dumitru, Y. Guo, A. Mocsy and M. Strickland.
   arXiv:0901.1998 [hep-ph]
   Phys. Rev. D **79**, 054019 (2009) HEP entry
   CITED by 50 records

10. **"Quarkonium melting above deconfinement"**
    A. Mocsy and P. Petreczky.
    J. Phys. G **35**, 104154 (2008). HEP entry

11. **"Potential Models for Quarkonia"**
    A. Mocsy.
    arXiv:0811.0337 [hep-ph]
    Eur. Phys. J. C **61**, 705 (2009) HEP entry

12. **"Quarkonium-signal of deconfinement"**
    A. Mocsy and P. Petreczky.
    J. Phys. G **35**, 044038 (2008). HEP entry

13. **"Heavy Ion Collisions at the LHC - Last Call for Predictions"**
    N. Armesto, (ed.), N. Borghini, (ed.), S. Jeon, (ed.), U. A. Wiedemann, (ed.), S. Abreu, V. Akkelin, J. Alam and J. L. Albacete *et al.*.
    arXiv:0711.0974 [hep-ph]
    J. Phys. G **35**, 054001 (2008) HEP entry
    CITED by 273 records

14. **"The eta/c above deconfinement"**
    A. Mocsy.
    J. Phys. G **34**, S745 (2007). HEP entry

15. **"Quarkonium correlators at finite temperature and potential models"**
    A. Mocsy and P. Petreczky.
    arXiv:0710.5205 [hep-lat]
    PoS LAT **2007**, 216 (2007) HEP entry

16. **"Describing charmonium correlation functions in Euclidean time"**
    A. Mocsy and P. Petreczky.
    arXiv:0710.5125 [hep-ph]
    Eur. Phys. J. ST **155**, 101 (2008) HEP entry

17. **"Predictions for quarkonia dissociation"**
    A. Mocsy and P. Petreczky.
    arXiv:0707.0182 [hep-ph] HEP entry

18. **"Color screening melts quarkonium"**
    A. Mocsy and P. Petreczky.
    arXiv:0706.2183 [hep-ph]
    Phys. Rev. Lett. **99**, 211602 (2007) HEP entry
    CITED by 164 records

19. **"Can quarkonia survive deconfinement?"**
    A. Mocsy and P. Petreczky.
    arXiv:0705.2559 [hep-ph]
    Phys. Rev. D **77**, 014501 (2008)
    CITEDby 155 records

20. **"Connecting an effective model of confinement and chiral symmetry to lattice QCD"**
    E. Fraga and A. Mocsy.
    hep-ph/0701102
    Braz. J. Phys. **37**, 281 (2007) HEP entry

21. **"Ground state quarkonium spectral functions above deconfinement"**
    A. Mocsy, P. Petreczky and J. Casalderrey-Solana.
    hep-ph/0609205
    Nucl. Phys. A **783**, 485 (2007), [Nucl. Phys. A **785**, 266 (2007)] HEP entry

22. **"Heavy quarkonia above deconfinement"**
    A. Mocsy.
    hep-ph/0609204 HEP entry

23. **"On the temperature-dependence of quarkonia correlators"**
    A. Mocsy.
    hep-ph/0606124 HEP entry

24. **"S-Wave Quarkonia in Potential Models"**
A. Mocsy and P. Petreczky.
hep-ph/0606053
J. Phys. G **32**, S515 (2006) HEP entry

25. **"Quarkonia correlators above deconfinement"**
A. Mocsy and P. Petreczky.
hep-ph/0512156
Phys. Rev. D **73**, 074007 (2006) HEP entry
CITED by 118 records

26. **"Heavy quark correlators above deconfinement"**
A. Mocsy.
hep-ph/0510135
Nucl. Phys. A **774**, 885 (2006) HEP entry

27. **"Chiral symmetry and confinement"**
A. Mocsy.
AIP Conf. Proc. **739**, 446 (2005). HEP entry

28. **"Confinement and chiral symmetry"**
A. Mocsy. HEP entry

29. **"Quark mass and the QCD transition"**
A. Mocsy.
hep-ph/0412237
J. Phys. G **31**, S1203 (2005) HEP entry

30. **"Heavy quarkonia survival in potential model"**
A. Mocsy and P. Petreczky.
hep-ph/0411262
Eur. Phys. J. C **43**, 77 (2005) HEP entry
CITED by 60 records

31. **"Deconfinement and chiral symmetry restoration"**
A. Mocsy, F. Sannino and K. Tuominen.
hep-ph/0403160
J. Phys. G **30**, S1255 (2004) HEP entry

32. **"Role of fluctuations in the linear sigma model with quarks"**
A. Mocsy, I. N. Mishustin and P. J. Ellis.
nucl-th/0402070
Phys. Rev. C **70**, 015204 (2004) HEP entry

33. **"Effective Lagrangians for QCD: Deconfinement and chiral symmetry restoration"**
A. Mocsy, F. Sannino and K. Tuominen.
hep-ph/0401149 HEP entry

34. **"Confinement, chiral symmetry and hadrons"**
A. Mocsy, F. Sannino and K. Tuominen.
hep-ph/0311078 HEP entry

35. **"Confinement as felt by hadrons"**
A. Mocsy, F. Sannino and K. Tuominen.
hep-ph/0310177
eConf C **030614**, 035 (2003) HEP entry

36. **"Connecting Polyakov loops to hadrons"**
A. Mocsy, F. Sannino and K. Tuominen.
hep-ph/0310078
eConf C **030614**, 034 (2003) HEP entry

37. **"Confinement versus chiral symmetry"**
A. Mocsy, F. Sannino and K. Tuominen.
hep-ph/0308135
Phys. Rev. Lett. **92**, 182302 (2004) HEP entry
CITED by 128 records

38. **"Induced universal properties and deconfinement"**
A. Mocsy, F. Sannino and K. Tuominen.
hep-ph/0306069
JHEP **0403**, 044 (2004) HEP entry

39. **"Critical behavior of non-order parameter fields"**
A. Mocsy, F. Sannino and K. Tuominen.
hep-ph/0301229
Phys. Rev. Lett. **91**, 092004 (2003) HEP entry

40. **"Dissipation near the QCD phase transition"**
A. Mocsy.
nucl-th/0211094
Nucl. Phys. A **721**, 261 (2003) HEP entry

41. **"Dissipation at two loop level: Undressing the chiral condensate"**
A. Mocsy.
hep-ph/0206075
Phys. Rev. D **66**, 056010 (2002) HEP entry

42. **"Nonequilibrium aspects of chiral field theories"**
A. Mocsy.
hep-ph/0110179 HEP entry

43. **"Chiral phase transition within effective models with constituent quarks"**
O. Scavenius, A. Mocsy, I. N. Mishustin and D. H. Rischke.
nucl-th/0007030
Phys. Rev. C **64**, 045202 (2001) HEP entry
CITED by 239 records

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