

# Список публикаций за 2019 год лаборатории криогенной и сверхпроводящей техники

## 1. Measuring the Proton Radius in High-Energy Muon-Proton Scattering

[COMPASS++/AMBER working group](#)

[Christian Dreisbach](#),... [Alexander A. Vasilyev](#) (St. Petersburg, INP),... [Alexey A. Vorobyov](#) (St. Petersburg, INP) 2019 - 6 pages

PoS DIS2019 (2019) 222, SISSA (2019-07-13)

DOI: [10.22323/1.352.0222](#)

Conference: [C19-04-08 Proceedings](#)

## 2. Production and Storage of Polarized H<sub>2</sub>, D<sub>2</sub> and HD Molecules

[Ralf Engels](#),... [Alexander A. Vasilyev](#), [Leonid Kochenda](#), [Peter Kravtsov](#), [Viktor Trofimov](#), [Marat Vznudaev](#) 2019 - 12 pages

PoS SPIN2018 (2019) 099, SISSA (2019-01-02)

DOI: [10.22323/1.346.0099](#)

Conference: [C18-09-10.6 Proceedings](#)

## 3. The LHCSpin Project

[C.A. Aidala](#) ([Michigan U.](#)),... [A. Vasilyev](#) (St. Petersburg, INP) Jan 23, 2019 - 6 pages

e-Print: [arXiv:1901.08002](#) [hep-ex]

## 4. Methods for a blind analysis of isobar data collected by the STAR collaboration

[STAR Collaboration](#) ([J. Adam](#) ,.. [Leonid Kochenda](#), [Peter Kravtsov](#),..Nov 1, 2019 - 16 pages

e-Print: [arXiv:1911.00596](#) [nucl-ex]

Experiment: [BNL-RHIC-STAR](#)

## 5. Event reconstruction of free-streaming data for the RICH detector in the CBM experiment

J. Adamczewski-Musch ([Darmstadt, GSI](#)), .. L. Kochenda, P. Kravtsov ([St. Petersburg, INP](#) & [Moscow Phys. Eng. Inst.](#)), .... M. Vznuzdaev ([St. Petersburg, INP](#)),  
2019 - 7 pages

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(2019)

DOI: [10.1051/epjconf/201921401043](https://doi.org/10.1051/epjconf/201921401043)

Conference: [C18-07-09.6 Proceedings](#)

## 6. Longitudinal double-spin asymmetry for inclusive jet and dijet production in pp collisions at $\sqrt{s}=510\text{GeV}$

STAR Collaboration (J. Adam ,.. [Leonid Kochenda](#), [Peter Kravtsov](#),. Jun 6, 2019 - 27 pages

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(2019-09-10)

DOI: [10.1103/PhysRevD.100.052005](https://doi.org/10.1103/PhysRevD.100.052005)

e-Print: [arXiv:1906.02740](https://arxiv.org/abs/1906.02740) [hep-ex] |

Experiment: [BNL-RHIC-STAR](#)

## 7. Observation of excess $J/\psi$ yield at very low transverse momenta in Au+Au collisions at $\sqrt{s_{NN}}=200\text{ GeV}$

### and U+U collisions at $\sqrt{s_{NN}}=193\text{ GeV}$

STAR Collaboration (J. Adam ,.. [Leonid Kochenda](#), [Peter Kravtsov](#),. Apr 25, 2019 - 8 pages

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(2019-09-28)

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e-Print: [arXiv:1904.11658](https://arxiv.org/abs/1904.11658) [hep-ex]

Experiment: [BNL-RHIC-STAR](#)

## 8. Beam Energy and Centrality Dependence of Direct-Photon Emission from Ultrarelativistic Heavy-Ion Collisions

PHENIX Collaboration (A. Adare (Colorado U.) ,... Leonid Kochenda, May 10, 2018 - 10 pages

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(2019-07-11)

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Experiment: [BNL-RHIC-PHENIX](#)

## 9. Beam-helicity asymmetries for single-hadron production in semi-inclusive deep-inelastic scattering from unpolarized hydrogen and deuterium targets

HERMES Collaboration (A. Airapetian (Giessen U. & Michigan U.) ... P.Kravchenko) Mar 20, 2019 - 29 pages

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(2019-10-10)

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e-Print: [arXiv:1903.08544](https://arxiv.org/abs/1903.08544) [hep-ex]

Experiment: [DESY-HERA-HERMES](#)

## 10. Longitudinal double-spin asymmetries in semi-inclusive deep-inelastic scattering of electrons and positrons by protons and deuterons

HERMES Collaboration (A. Airapetian (Giessen U. & Michigan U.),... P.Kravchenko Oct 16, 2018 - 13 pages

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(2019-06-06)

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Experiment: [DESY-HERA-HERMES](#)