

**XLIX International  
Symposium on Multiparticle  
Dynamics (ISMD2019)**

**Report of Contributions**

Contribution ID: 1

Type: **not specified**

## **Inclusive diffraction measurements at colliders**

*Wednesday, September 11, 2019 8:40 AM (25 minutes)*

**Presenter:** DJAMA, Fares (CNRS/IN2P3 CPPM - Aix-Marseille Univ.)

**Session Classification:** Forward Physics and Diffraction. Conveners: Christophe Royon, Leszek Motyka

Contribution ID: 2

Type: **not specified**

## **Diffraction dijet production: breakdown of factorization**

*Wednesday, September 11, 2019 9:05 AM (25 minutes)*

**Presenter:** PASECHNIK, Roman (Lund university)

**Session Classification:** Forward Physics and Diffraction. Conveners: Christophe Royon, Leszek Motyka

Contribution ID: 3

Type: **not specified**

## Photon induced processes at the LHC

*Wednesday, September 11, 2019 9:30 AM (25 minutes)*

**Presenter:** WILLIAMS, Justin Andrew (The University of Kansas (US))

**Session Classification:** Forward Physics and Diffraction. Conveners: Christophe Royon, Leszek Motyka

Contribution ID: 4

Type: **not specified**

## Exclusive diffraction at the LHC

*Wednesday, September 11, 2019 9:55 AM (25 minutes)*

**Presenter:** ROYON, Christophe (The University of Kansas (US))

**Session Classification:** Forward Physics and Diffraction. **Conveners:** Christophe Royon, Leszek Motyka

Contribution ID: 5

Type: **not specified**

## **Soft diffraction measurements at the LHC**

*Wednesday, September 11, 2019 10:40 AM (25 minutes)*

**Presenter:** CSORGO, Tamas (Hungarian Academy of Sciences (HU))

**Session Classification:** Forward physics and diffraction. **Conveners:** Christophe Royon, Leszek Motyka

Contribution ID: 6

Type: **not specified**

## Early lunh before the excursion

*Wednesday, September 11, 2019 11:55 AM (25 minutes)*

**Session Classification:** Forward physics and diffraction. Conveners: Christophe Royon, Leszek Motyka

Contribution ID: 7

Type: **not specified**

## **The equivalence between low x physics and TMD physics: multiple scattering and the saturation regime**

*Wednesday, September 11, 2019 11:05 AM (25 minutes)*

**Presenter:** BOUSSARIE, Renaud (Brookhaven National Lab)

**Session Classification:** Forward physics and diffraction. Conveners: Christophe Royon, Leszek Motyka



Contribution ID: 8

Type: **not specified**

## Diffraction at the EIC

*Wednesday, September 11, 2019 11:30 AM (25 minutes)*

**Presenter:** ASCHENAUER, elke-caroline (BNL)

**Session Classification:** Forward physics and diffraction. Conveners: Christophe Royon, Leszek Motyka

Contribution ID: 9

Type: **not specified**

## **Thermal photon at Phenix experiment**

*Monday, September 9, 2019 10:40 AM (25 minutes)*

**Presenter:** CANOA, Veronica (Stony Brook University)

**Session Classification:** Perturbative & non-perturbative QCD. Conveners: Maria-Elena Tajeda-Yeomans Justin Frantz

Contribution ID: **10**

Type: **not specified**

## **Dileptons and direct virtual photons results at STAR**

*Monday, September 9, 2019 11:05 AM (25 minutes)*

**Presenter:** Dr YANG, Chi (Shandong University)

**Session Classification:** Perturbative & non-perturbative QCD. Conveners: Maria-Elena Tajeda-Yeomans Justin Frantz

Contribution ID: **11**

Type: **not specified**

## **Free time**

*Monday, September 9, 2019 11:55 AM (25 minutes)*

**Session Classification:** Perturbative & non-perturbative QCD. Conveners: Maria-Elena Tajeda-Yeomans Justin Frantz

Contribution ID: 12

Type: **not specified**

## **Prompt gamma-jet and di-jet via correlations at RHIC in large and small systems**

*Monday, September 9, 2019 11:30 AM (25 minutes)*

**Presenter:** FRANTZ, Justin Edward (Ohio University (US))

**Session Classification:** Perturbative & non-perturbative QCD. Conveners: Maria-Elena Tajeda-Yeomans Justin Frantz

Contribution ID: 13

Type: **not specified**

## Searching the QCD critical end point with lattice simulations

*Tuesday, September 10, 2019 2:00 PM (25 minutes)*

**Presenter:** GUENTHER, Jana N. (University of Wuppertal)

**Session Classification:** Perturbative and Non-Perturbative QCD. Conveners: Maria-Elena Tajeda-Yeomans Justin Frantz

Contribution ID: 14

Type: **not specified**

## **The critical end point from a chiral symmetry restoration analysis**

*Tuesday, September 10, 2019 2:25 PM (25 minutes)*

**Presenter:** HERNANDEZ, Luis Alberto (Instituto de Ciencias Nucleares, UNAM)

**Session Classification:** Perturbative and Non-Perturbative QCD. Conveners: Maria-Elena Tajeda-Yeomans Justin Frantz

Contribution ID: 15

Type: **not specified**

## **Production of exotic charmonium in heavy ion collisions**

*Tuesday, September 10, 2019 2:50 PM (25 minutes)*

**Presenter:** NAVARRA, Fernando (University of Sao paulo)

**Session Classification:** Perturbative and Non-Perturbative QCD. Conveners: Maria-Elena Tajeda-Yeomans Justin Frantz



Contribution ID: 16

Type: **not specified**

## **Constraints of the low-x structure of protons and nuclei**

*Monday, September 9, 2019 2:00 PM (25 minutes)*

**Presenter:** PEITZMANN, Thomas (Nikhef National institute for subatomic physics (NL))

**Session Classification:** Proton Structure - Small and Large x. Conveners: Alexei Prokudin, Elke Aschenauer

Contribution ID: 17

Type: **not specified**

## **Study of soft photon yield in pA interactions at JINR's accelerators**

*Monday, September 9, 2019 3:15 PM (25 minutes)*

**Presenter:** KOKOULINA, Elena (Joint Institute for Nuclear Research)

**Session Classification:** Proton Structure - Small and Large x. Conveners: Alexei Prokudin, Elke Aschenauer

Contribution ID: **18**

Type: **not specified**

## **Theoretical perspective on TMDs**

*Monday, September 9, 2019 2:25 PM (25 minutes)*

**Presenter:** SCHLEGEL, Marc (New Mexico State University)

**Session Classification:** Proton Structure - Small and Large x. Conveners: Alexei Prokudin, Elke Aschenauer

Contribution ID: 19

Type: **not specified**

## Recent results on cold QCD from RHIC

*Monday, September 9, 2019 2:50 PM (25 minutes)*

**Presenter:** XU, Qinghua (Shandong University)

**Session Classification:** Proton Structure - Small and Large x. Conveners: Alexei Prokudin, Elke Aschenauer

Contribution ID: 20

Type: **not specified**

## **Probing the strong coupling with hadronic event shapes**

*Friday, September 13, 2019 8:40 AM (25 minutes)*

**Presenter:** LEE, Christopher (LANL)

**Session Classification:** Proton Structure - Small and Large x. Alexei Prokudin, Elke Aschenauer

Contribution ID: 21

Type: **not specified**

# The Proton Radius Puzzle: Experimental Status and Outlook

*Friday, September 13, 2019 9:05 AM (25 minutes)*

**Presenter:** DUTTA, Dipangkar (Mississippi State University)

**Session Classification:** Proton Structure - Small and Large x. Alexei Prokudin, Elke Aschenauer

Contribution ID: 22

Type: **not specified**

## **Theoretical Progress at the Frontiers of Small-x Physics**

*Friday, September 13, 2019 9:55 AM (25 minutes)*

**Presenter:** SIEVERT, Matthew (Los Alamos National Laboratory)

**Session Classification:** Proton Structure - Small and Large x. Alexei Prokudin, Elke Aschenauer

Contribution ID: 23

Type: **not specified**

## **New experimental results from Compass and JLab to unravel the secrets of hadronic structure**

*Friday, September 13, 2019 9:30 AM (25 minutes)*

**Presenter:** ALEXANDRE CAMSONNE

**Session Classification:** Proton Structure - Small and Large x. Alexei Prokudin, Elke Aschenauer



Contribution ID: 24

Type: **not specified**

## **QGP droplet formation in small asymmetric collision systems**

*Tuesday, September 10, 2019 3:15 PM (25 minutes)*

**Presenter:** TRAINOR, Tom (University of Washington)

**Session Classification:** Perturbative and Non-Perturbative QCD. Conveners: Maria-Elena Tajeda-Yeomans Justin Frantz

Contribution ID: 25

Type: **not specified**

## **Signatures of quark-hadron phase transitions in general-relativistic neutron-star mergers**

*Thursday, September 12, 2019 4:00 PM (25 minutes)*

**Presenter:** DEXHEIMER, Veronica (Kent State University)

**Session Classification:** New Developments. Conveners: Maurizio Martinez, Wilke van Der Schee

Contribution ID: 26

Type: **not specified**

## **Particle-vortex statistics and the nature of cold dense quark matter**

*Thursday, September 12, 2019 4:25 PM (25 minutes)*

**Presenter:** CHERMAN, Aleksey (University of Minnesota)

**Session Classification:** New Developments. Conveners: Maurizio Martinez, Wilke van Der Schee

Contribution ID: 27

Type: **not specified**

## Spontaneous magnetization in a superfluid vortex

*Thursday, September 12, 2019 4:50 PM (25 minutes)*

We show that vortices in scalar superfluids can carry magnetic fields inside their cores when the condensing particle is composed of excitations that are oppositely charged and are not degenerate. We estimate the size of this magnetic field using effective field theory and illustrate how such an effect can arise from the underlying microphysics. Our findings may have observational consequences for helium superfluid as well as other BEC.

**Presenter:** SEN, Srimoyee (University of Arizona)

**Session Classification:** New Developments. Conveners: Maurizio Martinez, Wilke van Der Schee

Contribution ID: 28

Type: **not specified**

## Jet quenching as a probe of the initial stages in heavy-ion collisions

*Thursday, September 12, 2019 5:15 PM (25 minutes)*

Jets provide a unique and versatile tool to study different time and energy scales of the strongly interacting matter created in heavy-ion collisions. Here we show, for the first time, a set of jet quenching observables sensitive to the initial stages of heavy-ion collisions. Specifically, we find that in order to reproduce the high- $p_T$  harmonics, the energy loss must be strongly suppressed for the first 0.6 fm of the evolution. This analysis shows the potential of jet observables to constrain the poorly known dynamics of the initial stages of the evolution.

**Presenter:** ANDRES CASAS, Carlota

**Session Classification:** New Developments. Conveners: Maurizio Martinez, Wilke van Der Schee

Contribution ID: 29

Type: **not specified**

## **Aspects of supersymmetric plasma dynamics**

*Friday, September 13, 2019 2:00 PM (25 minutes)*

**Presenter:** JANKOWSKI, Jakub (Jagiellonian University)

**Session Classification:** New Developments. Conveners: Maurizio Martinez, Wilke van Der Schee

Contribution ID: **30**

Type: **not specified**

## **Correlations in the initial conditions of heavy-ion collision**

*Friday, September 13, 2019 2:25 PM (25 minutes)*

**Presenter:** WERTEPNY, Douglas (Ben Gurion University of the Negev)

**Session Classification:** New Developments. Conveners: Maurizio Martinez, Wilke van Der Schee

Contribution ID: 31

Type: **not specified**

## Equilibration in heavy ion collisions

*Friday, September 13, 2019 2:50 PM (25 minutes)*

**Presenter:** MAZELIAUSKAS, Aleksas

**Session Classification:** New Developments. Conveners: Maurizio Martinez, Wilke van Der Schee



Contribution ID: 32

Type: **not specified**

## **Jet shape modifications in holographic dijet systems**

*Friday, September 13, 2019 3:15 PM (25 minutes)*

**Presenter:** SADOFYEV, Andrey (Massachusetts Inst. of Technology (US))

**Session Classification:** New Developments. Conveners: Maurizio Martinez, Wilke van Der Schee

Contribution ID: 33

Type: **not specified**

## **Droplets of quark gluon plasma: small systems at RHIC**

*Tuesday, September 10, 2019 11:55 AM (25 minutes)*

**Presenter:** Dr BELMONT, Ron (University of Colorado Boulder)

**Session Classification:** Correlations and Fluctuations:Conveners: Roman Pasechnik, Bill Llope

Contribution ID: 34

Type: **not specified**

## **Precision study of soft jet substructure using collinear drop**

*Tuesday, September 10, 2019 9:05 AM (25 minutes)*

**Presenter:** Dr CHIEN, Yang-Ting (Massachusetts Institute of Technology)

**Session Classification:** Hadronic final states & high pT. Conveners: Doekyoung Kang, Rossi Reid

Contribution ID: 36

Type: **not specified**

## **Reconstruction of neutral-triggered charged recoil jets in $\sqrt{s} = 200$ GeV p+p collisions at the STAR experiment**

*Monday, September 9, 2019 4:36 PM (12 minutes)*

**Primary author:** ANDERSON, Derek (Texas A&M University)

**Presenter:** ANDERSON, Derek (Texas A&M University)

**Session Classification:** Flash Talks. Convener: Ivan Vitev

Contribution ID: 37

Type: **not specified**

## **The dijet mass distribution in heavy ion collisions**

*Monday, September 9, 2019 4:00 PM (12 minutes)*

**Primary author:** REITEN, Jared (UCLA)

**Presenter:** REITEN, Jared (UCLA)

**Session Classification:** Flash Talks. Convener: Ivan Vitev

Contribution ID: **38**

Type: **not specified**

## **Jet charge in heavy ion collisions**

*Monday, September 9, 2019 4:24 PM (12 minutes)*

**Primary author:** LI, Haitao (Los Alamos National Laboratory)

**Presenter:** LI, Haitao (Los Alamos National Laboratory)

**Session Classification:** Flash Talks. Convener: Ivan Vitev

Contribution ID: 39

Type: **not specified**

## Nucleon Sigma Terms

*Monday, September 9, 2019 5:00 PM (12 minutes)*

**Primary author:** VARNHORST, Lukas

**Presenter:** VARNHORST, Lukas

**Session Classification:** Flash Talks. Convener: Ivan Vitev

Contribution ID: 40

Type: **not specified**

## **Centrality Determination for p+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV at the STAR Experiment**

*Monday, September 9, 2019 4:48 PM (12 minutes)*

**Primary author:** LIU, Yangfang

**Presenter:** LIU, Yangfang

**Session Classification:** Flash Talks. Convener: Ivan Vitev



Contribution ID: 42

Type: **not specified**

## **The transverse nucleon single-spin asymmetry for the semi-inclusive production of photons in lepton-nucleon scattering**

*Monday, September 9, 2019 4:12 PM (12 minutes)*

**Primary author:** ALBALTAN, Weeam

**Presenter:** ALBALTAN, Weeam

**Session Classification:** Flash Talks. Convener: Ivan Vitev

Contribution ID: 43

Type: **not specified**

## **Study of the semileptonic decay of D and B mesons into muons at C.M. energy = 200 GeV with the PHENIX detector**

*Monday, September 9, 2019 5:12 PM (12 minutes)*

**Presenter:** KHATIWADA, Ajeeta (Purdue University (US))

**Session Classification:** Flash Talks. Convener: Ivan Vitev

Contribution ID: 50

Type: **not specified**

## **Sources of multiparticle correlations: a microscopic perspective**

*Monday, September 9, 2019 8:40 AM (25 minutes)*

**Primary author:** BIERLICH, Christian (Lund University (SE))

**Presenter:** BIERLICH, Christian (Lund University (SE))

**Session Classification:** Correlations and fluctuations. Conveners: Roman Pasechnik, Bill Llope

Contribution ID: 51

Type: **not specified**

## Overview of jet physics results from ALICE

*Monday, September 9, 2019 9:05 AM (25 minutes)*

**Primary author:** KRIZEK, Filip (Acad. of Sciences of the Czech Rep. (CZ))

**Presenter:** KRIZEK, Filip (Acad. of Sciences of the Czech Rep. (CZ))

**Session Classification:** Correlations and fluctuations. Conveners: Roman Pasechnik, Bill Llope

Contribution ID: 52

Type: **not specified**

## **Two-particle correlations on transverse momentum: an untapped resource for studying relativistic heavy-ion collision dynamics**

*Monday, September 9, 2019 9:30 AM (25 minutes)*

**Primary author:** RAY, Robert

**Presenter:** RAY, Robert

**Session Classification:** Correlations and fluctuations. Conveners: Roman Pasechnik, Bill Llope

Contribution ID: 53

Type: **not specified**

## **Studying baryon production using two-particle angular correlations**

*Monday, September 9, 2019 9:55 AM (25 minutes)*

**Presenter:** JANIK, Malgorzata Anna (Warsaw University of Technology (PL))

**Session Classification:** Correlations and fluctuations. Conveners: Roman Pasechnik, Bill Llope

Contribution ID: 54

Type: **not specified**

## **Identified Particle Multiplicity fluctuations as a measure of deconfinement and hadronization in the QCD phase diagram**

*Tuesday, September 10, 2019 10:40 AM (25 minutes)*

**Presenter:** BELLWIED, Rene (University of Houston (US))

**Session Classification:** Correlations and Fluctuations:Conveners: Roman Pasechnik, Bill Llope

Contribution ID: 55

Type: **not specified**

## **Measurements of $p_T$ -differential flow coefficients using multi-particle cumulants**

*Tuesday, September 10, 2019 11:05 AM (25 minutes)*

**Presenter:** VISLAVICIUS, Vytautas (University of Copenhagen (DK))

**Session Classification:** Correlations and Fluctuations:Conveners: Roman Pasechnik, Bill Llope



Contribution ID: 56

Type: **not specified**

## **Fluctuations and clustering of multiplicities**

*Tuesday, September 10, 2019 11:30 AM (25 minutes)*

**Primary author:** RYBCZYNSKI, Maciej (Jan Kochanowski University (PL))

**Presenter:** RYBCZYNSKI, Maciej (Jan Kochanowski University (PL))

**Session Classification:** Correlations and Fluctuations:Conveners: Roman Pasechnik, Bill Llope

Contribution ID: 58

Type: **not specified**

## **Sorting out energy loss for medium-modified jets**

*Tuesday, September 10, 2019 8:40 AM (25 minutes)*

**Presenter:** BREWER, Jasmine (Massachusetts Institute of Technology)

**Session Classification:** Hadronic final states & high pT. Conveners: Doekyoung Kang, Rossi Reid

Contribution ID: 59

Type: **not specified**

## Quarkonium Production in Jets at the LHC

*Tuesday, September 10, 2019 9:30 AM (25 minutes)*

**Presenter:** DAI, Lin (University of Pittsburgh)

**Session Classification:** Hadronic final states & high  $p_T$ . Conveners: Doekyoung Kang, Rossi Reid

Contribution ID: **60**

Type: **not specified**

## **The sPHENIX experiment at RHIC**

*Tuesday, September 10, 2019 9:55 AM (25 minutes)*

**Presenter:** LIU, Ming Xiong (Los Alamos National Laboratory)

**Session Classification:** Hadronic final states & high pT. Conveners: Doekyoung Kang, Rossi Reid

Contribution ID: 61

Type: **not specified**

## **Recent results from BABAR: measurement of the $B^{\pm} \rightarrow K^{\pm} X(3872)$ absolute branching fraction**

*Thursday, September 12, 2019 2:00 PM (25 minutes)*

**Presenter:** GARY, Bill (University of California Riverside (US))

**Session Classification:** Hadronic final & high pT. Conveners: Doekyoung Kang, Rossi Reid

Contribution ID: 62

Type: **not specified**

## **New heavy flavor program for the future Electron Ion Collider**

*Thursday, September 12, 2019 2:25 PM (25 minutes)*

**Presenter:** LI, Xuan (Los Alamos National Lab)

**Session Classification:** Hadronic final & high pT. Conveners: Doekyoung Kang, Rossi Reid

Contribution ID: 63

Type: **not specified**

## **Connection between soft and hard probes of small collision systems at RHIC and LHC**

*Thursday, September 12, 2019 2:50 PM (25 minutes)*

**Presenter:** PEREPELITSA, Dennis (University of Colorado Boulder)

**Session Classification:** Hadronic final & high pT. Conveners: Doekyoung Kang, Rossi Reid

Contribution ID: 64

Type: **not specified**

## **Quarkonia and open heavy flavor measurements from RHIC and comparisons to LHC measurements**

*Thursday, September 12, 2019 3:15 PM (25 minutes)*

**Presenter:** RADHAKRISHNAN, Sooraj Krishnan (State University of New York (US))

**Session Classification:** Hadronic final & high pT. Conveners: Doekyoung Kang, Rossi Reid



Contribution ID: 65

Type: **not specified**

## **Hot-medium effects on Y yields in p-Pb and Pb-Pb collisions**

*Tuesday, September 10, 2019 4:00 PM (25 minutes)*

**Presenter:** WOLSCHIN, Georg (Heidelberg University)

**Session Classification:** Collectivity - jets and flow, Conveners: Benwei Zhang, Sergei Chekanov

Contribution ID: **66**

Type: **not specified**

## **Heavy Ion results from LHCb(LHCb)**

*Tuesday, September 10, 2019 4:25 PM (25 minutes)*

**Presenter:** DURHAM, John Matthew (Los Alamos National Laboratory)

**Session Classification:** Collectivity - jets and flow, Conveners: Benwei Zhang, Sergei Chekanov

Contribution ID: 67

Type: **not specified**

## **Gaps between jets at the LHC**

*Tuesday, September 10, 2019 5:15 PM (25 minutes)*

**Presenter:** ROYON, Christophe (The University of Kansas (US))

**Session Classification:** Collectivity - jets and flow, Conveners: Benwei Zhang, Sergei Chekanov

Contribution ID: 68

Type: **not specified**

## **Applications of particle flow and event shape signatures to study $\sqrt{s_{NN}}$ PbPb collisions (ALICE)**

*Tuesday, September 10, 2019 4:50 PM (25 minutes)*

**Presenter:** Prof. PRUNEAU, Claude Andre (Wayne State University (US))

**Session Classification:** Collectivity - jets and flow, Conveners: Benwei Zhang, Sergei Chekanov

Contribution ID: **69**

Type: **not specified**

## **Recent progress on jet substructure theory**

*Thursday, September 12, 2019 8:40 AM (25 minutes)*

**Presenter:** Prof. KANG, Zhongbo (UCLA)

**Session Classification:** Collectivity - jets and flow. Benwei Zhang, Sergei Chekanov

Contribution ID: 70

Type: **not specified**

## **Bootstrapping uncertainties for MC generator tuning**

*Thursday, September 12, 2019 9:05 AM (25 minutes)*

**Presenter:** BUCKLEY, Andy (University of Glasgow (GB))

**Session Classification:** Collectivity - jets and flow. Benwei Zhang, Sergei Chekanov

Contribution ID: 71

Type: **not specified**

## **Mitigating Large Background in Jet Substructure**

*Thursday, September 12, 2019 9:30 AM (25 minutes)*

**Presenter:** KANG, Daekyoung (The Ohio State University)

**Session Classification:** Collectivity - jets and flow. Benwei Zhang, Sergei Chekanov

Contribution ID: 72

Type: **not specified**

## **Using jets as tools for searches for new physics at the LHC (ATLAS+CMS)**

*Thursday, September 12, 2019 9:55 AM (25 minutes)*

**Presenters:** HANKACHE, Robert (Centre National de la Recherche Scientifique (FR)); CHEKANOV, Sergei (Argonne National Laboratory (US))

**Session Classification:** Collectivity - jets and flow. Benwei Zhang, Sergei Chekanov



Contribution ID: 73

Type: **not specified**

## Recent Results from the Pierre Auger Observatory

*Thursday, September 12, 2019 10:40 AM (25 minutes)*

**Presenter:** Dr SARAZIN, Fred (Colorado School of Mines)

**Session Classification:** Cosmic Ray and Astrophysics. Conveners: Andrea Albert, Ian Shoemaker

Contribution ID: 74

Type: **not specified**

## Updates from the Dark Energy Survey

*Thursday, September 12, 2019 11:05 AM (25 minutes)*

**Presenter:** MUIR, Jessica Lynn (Michigan State University-Unknown-Unknown)

**Session Classification:** Cosmic Ray and Astrophysics. Conveners: Andrea Albert, Ian Shoemaker

Contribution ID: 75

Type: **not specified**

## **Recent Results from the High Altitude Water Cherenkov Observatory**

*Thursday, September 12, 2019 11:30 AM (25 minutes)*

**Presenter:** MALONE, Kally

**Session Classification:** Cosmic Ray and Astrophysics. Conveners: Andrea Albert, Ian Shoemaker

Contribution ID: 76

Type: **not specified**

## Neutron star equation of state

*Thursday, September 12, 2019 11:55 AM (25 minutes)*

**Presenter:** TEWS, Ingo

**Session Classification:** Cosmic Ray and Astrophysics. Conveners: Andrea Albert, Ian Shoemaker

Contribution ID: 77

Type: **not specified**

## **Astroparticle physics at DUNE**

*Friday, September 13, 2019 10:40 AM (25 minutes)*

**Primary author:** PERSHEY, Daniel (Duke University)

**Presenter:** PERSHEY, Daniel (Duke University)

**Session Classification:** Cosmic Ray and Astroparticle. Conveners: Andrea Albert, Ian Shoemaker

Contribution ID: 78

Type: **not specified**

## Recent Results from IceCube

*Friday, September 13, 2019 11:05 AM (25 minutes)*

**Presenter:** SAFA, IBRAHIM (University of Wisconsin - Madison)

**Session Classification:** Cosmic Ray and Astroparticle. Conveners: Andrea Albert, Ian Shoemaker

Contribution ID: 79

Type: **not specified**

## **Particle acceleration in strong magnetic fields**

*Friday, September 13, 2019 11:30 AM (25 minutes)*

**Presenter:** Dr GUO, Fan

**Session Classification:** Cosmic Ray and Astroparticle. Conveners: Andrea Albert, Ian Shoemaker

Contribution ID: **80**

Type: **not specified**

## **Proton holography**

*Friday, September 13, 2019 11:55 AM (25 minutes)*

**Presenter:** CSORGO, Tamas (Hungarian Academy of Sciences (HU))

**Session Classification:** Cosmic Ray and Astroparticle. Conveners: Andrea Albert, Ian Shoemaker



Contribution ID: **81**

Type: **not specified**

## **After dinner talk**

Contribution ID: 82

Type: **not specified**

## “Sketches from Los Alamos: The War Years”

*Wednesday, September 11, 2019 7:45 PM (1h 15m)*

Nancy R. Bartlit is a World War II historian, lecturer, author, and co-owner of Pajarito Press LLC. Bartlit earned a BA in History from Smith College in Massachusetts, then traveled to Sendai, Japan, thirteen years after WWII ended in 1945, to teach English to high school students, UNESCO students, and scientists at a research institute. Years later, she returned to Japan while enrolled in a program on Japanese industry and technology, which included tours to eleven research laboratories. She earned an MA in International Communications from the University of New Mexico.

**Presenter:** Mrs BARTLIT, Nancy

**Session Classification:** Working banquet: Amaya restaurant patio

Contribution ID: **83**

Type: **not specified**

## **Z boson plus jet production at the LHC**

*Monday, September 9, 2019 5:24 PM (12 minutes)*

**Presenter:** YAN, Bin

**Session Classification:** Flash Talks. Convener: Ivan Vitev

Contribution ID: **84**

Type: **not specified**

## **Benquet**

*Wednesday, September 11, 2019 7:00 PM (45 minutes)*

**Session Classification:** Working banquet: Amaya restaurant patio