

**Session Program**

**Apr 10 - 12, 2019**

**8th Workshop of the APS Topical Group on  
Hadronic Physics**

***PDFs***

Denver, CO

Sheraton Denver Downtown Hotel, 1550 Court Pl. lobby level of the Plaza building

## Wed, April 10

2:00 PM

### PDFs: I

**Session** |

**Location:** Denver, CO, Director's Row E, Sheraton Denver Downtown Hotel, 1550 Court Pl. lobby level of the Plaza building |

**Convener:** Prof. Garth Huber

14:00 - 14:25

#### Pion Valence Quark Distribution from Lattice Calculable Current-Current Correlations

**Speaker**

Mr Colin Egerer

14:25 - 14:50

#### Exploring the origin of mass through the properties of pseudoscalar mesons

**Speaker**

Dr Craig Roberts

14:50 - 15:10

#### Parton distribution inside the pion from lattice QCD

**Speaker**

Dr Nikhil Karthik

3:10 PM

4:00 PM

### PDFs: II

**Session** |

**Location:** Denver, CO, Director's Row E, Sheraton Denver Downtown Hotel, 1550 Court Pl. lobby level of the Plaza building |

**Convener:** Prof. Stanley Brodsky

16:00 - 16:20

#### The Future synergy between Lattice QCD and Global Analyses of HEP data

**Speaker**

Dr Timothy Hobbs

16:20 - 16:40

#### Entanglement entropy at small $x$

**Speaker**

Mr Haowu Duan

16:40 - 17:00

#### Parton distribution functions from the light front parton gas model

**Speaker**

Dr Shaoyang Jia

17:00 - 17:20

#### Minkowski space 4D dynamics for hadrons

**Speaker**

Prof. Tobias Frederico

5:20 PM