

Session Program

July 29, 2019 to August 2, 2019



**2019 Meeting of the Division of Particles &
Fields of the American Physical Society**

Field & String Theory

Northeastern University
Northeastern University, Boston MA Physics Department, 110 Forsyth St., Boston MA 02115 US

Sun, July 28

2:00 PM

Field & String Theory

Session | **Location:** Northeastern University, West Village G 106 | **Conveners:**
Mirjam Cvetič, Xi Yin, Mirjam Cvetič

14:00 - 14:20 **Contact Geometry and Quantum Mechanics**

Speaker

Prof. Andrew Waldron

14:20 - 14:40

3d Matter Coupled to Chern-Simons Field, Spontaneous Breaking of Scale Invariance and Fermion-Boson Mapping

Speaker

Prof. Moshe Moshe

14:40 - 15:00

Compensator fields in dimensional reduction and compactification without truncation

Speaker

Prof. Michael Schulz

3:30 PM

4:00 PM

Field & String Theory

Session | **Location:** Northeastern University, West Village G 106 | **Conveners:**
Mirjam Cvetič, Xi Yin, Mirjam Cvetič

16:00 - 16:20 **Long String Scattering in $c=1$ String Theory**

Speaker

Bruno Balthazar

16:20 - 16:40

Strings in Ramond-Ramond (RR) Backgrounds from the Neveu-Schwarz-Ramond (NSR) Formalism

Speaker

Minjae Cho

16:40 - 17:00

A Quadrillion Standard Models from F-theory

Speaker

Mr Jiahua Tian

17:00 - 17:20

Bootstrapping Inflationary Correlators

Speaker

Hayden Lee

6:00 PM