

# MaryKFest

## Report of Contributions

Contribution ID: 2

Type: **not specified**

## Welcome

*Saturday, 21 September 2019 08:55 (15 minutes)*

**Presenters:** HELLMAN, Frances (University of California, Berkeley); WITHERELL, Mike (LBNL)

**Session Classification:** Saturday Session

Contribution ID: 3

Type: **not specified**

## **Charm: 55 years and Counting**

*Saturday, 21 September 2019 09:10 (40 minutes)*

**Presenter:** ROSNER, Jon (University of Chicago)

**Session Classification:** Saturday Session

Contribution ID: 4

Type: **not specified**

## **Dark Thermal Histories**

*Saturday, 21 September 2019 09:50 (40 minutes)*

**Presenter:** SHELTON, Jessie (University of Illinois, Urbana-Champaign)

**Session Classification:** Saturday Session

Contribution ID: 6

Type: **not specified**

## Quiet Greatness

*Saturday, 21 September 2019 11:50 (40 minutes)*

**Presenter:** JACKSON, Shirley (Rensselaer Polytechnic Institute)

**Session Classification:** Saturday Session

Contribution ID: 7

Type: **not specified**

## **Higgs Boson(s): Past, Present and Future**

*Saturday, 21 September 2019 14:00 (40 minutes)*

**Presenter:** HEINEMANN, Beate (Albert Ludwigs University of Freiburg and DESY)

**Session Classification:** Saturday Session

Contribution ID: 8

Type: **not specified**

## Automatic Peccei-Quinn Symmetry

*Saturday, 21 September 2019 14:40 (20 minutes)*

**Presenter:** QUILEZ, Pablo (Universidad Autónoma de Madrid)

**Session Classification:** Saturday Session

Contribution ID: 9

Type: **not specified**

# **Weyl Anomalies and the Nature of the Gravitational Field**

*Saturday, 21 September 2019 15:00 (20 minutes)*

**Presenter:** SANTOS-GARCIA, Raquel (Universidad Autónoma de Madrid)

**Session Classification:** Saturday Session



Contribution ID: 10

Type: **not specified**

## **From Dark to Dawn: Extracting Dark Matter Physics from Early-Universe Signals**

*Saturday, 21 September 2019 16:10 (40 minutes)*

**Presenter:** SLATYER, Tracy (Massachusetts Institute of Technology)

**Session Classification:** Saturday Session

Contribution ID: 11

Type: **not specified**

## Transcendental Tuning

*Saturday, 21 September 2019 16:50 (40 minutes)*

**Presenter:** ARKANI-HAMED, Nima (nstitute for Advanced Study, Princeton)

**Session Classification:** Saturday Session

Contribution ID: 12

Type: **not specified**

## **Baryogenesis from Particle—Antiparticle Oscillations**

*Sunday, 22 September 2019 09:30 (40 minutes)*

**Presenter:** IPEK, Seyda (University of California, Irvine)

**Session Classification:** Sunday Session

Contribution ID: 13

Type: **not specified**

## **String Phenomenology: Then and Now**

*Sunday, 22 September 2019 10:10 (40 minutes)*

**Presenter:** NELSON, Brent (Northeastern University)

**Session Classification:** Sunday Session

Contribution ID: 14

Type: **not specified**

## **Magnetic Compactifications**

*Sunday, 22 September 2019 11:10 (40 minutes)*

**Presenter:** DUDAS, Emilian (Ecole Polytechnique, U. Paris-Saclay)

**Session Classification:** Sunday Session

Contribution ID: 15

Type: **not specified**

## **Dynamical Axions and Gravitational Waves**

*Sunday, 22 September 2019 11:50 (20 minutes)*

**Presenter:** HOUTZ, Rachel (Universidad Autónoma de Madrid)

**Session Classification:** Sunday Session

Contribution ID: 16

Type: **not specified**

## **Making Dark Matter Out of Light**

*Sunday, 22 September 2019 12:10 (20 minutes)*

**Presenter:** SCHUTZ, Katelin (Massachusetts Institute of Technology)

**Session Classification:** Sunday Session

Contribution ID: 17

Type: **not specified**

## **Searching for Dark Photon Dark Matter with Cosmic Ray Antideuterons”**

*Sunday, 22 September 2019 14:00 (40 minutes)*

**Presenter:** RANDALL, Lisa (Harvard University)

**Session Classification:** Sunday Session



Contribution ID: **18**

Type: **not specified**

## **Celestial Amplitudes**

*Sunday, 22 September 2019 14:40 (40 minutes)*

**Presenter:** TAYLOR, Tomasz (Northeastern University)

**Session Classification:** Sunday Session

Contribution ID: 19

Type: **not specified**

# U-Duality in the Sky and in UV Properties of Supergravity

*Sunday, 22 September 2019 15:40 (40 minutes)*

**Presenter:** KALLOSH, Renata (Stanford)

**Session Classification:** Sunday Session

Contribution ID: 20

Type: **not specified**

## Floreat EGx

*Sunday, 22 September 2019 16:20 (40 minutes)*

**Presenter:** ELLIS, John (CERN and King's College London)

**Session Classification:** Sunday Session

Contribution ID: 21

Type: **not specified**

## **New Axion and ALP Territory**

*Saturday, 21 September 2019 11:10 (40 minutes)*

**Presenter:** Prof. GAVELA, Belén (Universidad Autónoma de Madrid)

**Session Classification:** Saturday Session

Contribution ID: 22

Type: **not specified**

## **Tributes to Mary K**

*Saturday, 21 September 2019 21:00 (15 minutes)*

**Presenter:** REMOTE CONTRIBUTIONS

**Session Classification:** Saturday Session