MaryKFest
David Brower Center
2150 Allston Way
Berkeley, CA 94704

Saturday, September 21, 2019

8:00 AM  Registration with Continental Breakfast

9:00  Welcome and Overview with

FRANCES HELLMAN
Dean MPS

MIKE WITHERELL
Director LBNL

Chair: Enrique Alvarez

9:15  Charm: 45 years and Counting

JON ROSNER

9:55  Dark Thermal Histories

JESSIE SHELTON

10:35  Coffee

Chair: Vera Luth

11:10  New Axion and ALP Territory

BELEN GAVELA

11:50  Quiet Greatness

SHIRLEY JACKSON

12:30 PM  Lunch - Catered

Chair: Helen Quinn

2:00  Higgs Boson(s): Past, Present and Future

BEATE HEINEMANN

2:40  Automatic Peccei-Quinn Symmetry

PABLO QUILEZ

3:00  Weyl Anomalies and the Nature of the Gravitational Field

RAQUEL SANTOS-GARCIA

3:20  Coffee

Chair: Mike Douglas

4:10  From Dark to Dawn: Extracting Dark Matter Physics from Early-Universe Signals

TRACY SLATYER

4:50  Transcendental Tuning

NIMA ARKANI-HAMED

5:30  Adjourn

—A shuttle bus will pick-up banquet attendees from the Brower center and depart at 6pm and again at 6:30pm, then return starting 9pm.

7:00  Dinner Banquet – Skates on the Bay
Sunday, September 22, 2019

8:30 AM  Continental Breakfast  Chair: Keith Olive

9:30  
  Baryogenesis from Particle—Antiparticle Oscillations  
  SEYDA IPEK

10:10  
  String Phenomenology: Then and Now  
  BRENT NELSON

10:50  
  Coffee  
  Chair: Joel Giedt

11:10  
  Magnetic Compatifications  
  EMILIAN DUDAS

11:50  
  Dynamical Axions and Gravitational Waves  
  RACHEL HOUTZ

12:10  
  Making Dark Matter Out of Light  
  KATELIN SCHUTZ

12:30 PM  Lunch - Catered  
  Chair: Serge Rudaz

2:00  
  Searching for Dark Photon Dark Matter with Cosmic Ray Antideuterons  
  LISA RANDALL

2:40  
  Celestial Amplitudes  
  TOMASZ TAYLOR

3:20  
  Coffee  
  Chair: Mike Chanowitz

3:40  
  U-Duality in the Sky and in UV Properties of Supergravity  
  RENATA KALLOSH

4:20  
  Floreant EGx  
  JOHN ELLIS

5:00  
  Adjourn