

Ending Inflation and the Hot Big Bang

Events for:
Monday, June 5th - Friday, June 9th

Monday, June 5th

9:00am **Workshop: Breakfast - SCGP Cafe**

Title: Breakfast

9:30am **Workshop: Daniel Figueroa - SCGP 102**

Speaker: Daniel Figueroa

Title: Numerical Applications in Cosmology

10:30am **Workshop: Coffee Break - SCGP Cafe**

Title: Coffee Break

11:00am **Workshop: Tom Giblin - SCGP 102**

Speaker: Tom Giblin

Title: Nonlinear gravity and cosmological processes

11:30am **Workshop: Mary Gerhardinger - SCGP 102**

Speaker: Mary Gerhardinger

Title: A Numerical UV Completion for Simulating Scalar Galileons

12:00pm **Workshop: Lunch - SCGP Cafe**

Title: Lunch

2:00pm **Workshop: William East - SCGP 102**

Speaker: William East

Title: Vortex Formation in Dark Photons

2:30pm **Workshop: Zach Weiner - SCGP 102**

Speaker: Zach Weiner

Title: Detectable, defect-free dark photon dark matter

3:00pm **Workshop: Tea - SCGP Cafe**

Title: Tea

3:30pm **Workshop: Discussion - SCGP 102**

Title: Discussion

Tuesday, June 6th

9:00am **Workshop: Breakfast - SCGP Cafe**

Title: Breakfast

9:30am **Workshop: Adrienne Erickcek - SCGP 102**

Speaker: Adrienne Erickcek

Title: Early thermal history and Structure Formation

10:30am **Workshop: Coffee Break - SCGP Cafe**

Title: Coffee Break

11:00am **Workshop: Valerio De Luca - SCGP 102**

Speaker: Valerio De Luca

Title: The cosmological evolution of Primordial Black Holes

11:30am **Workshop: Cyril Creque - Sarbinkowski - SCGP 102**

Speaker: Cyril Creque - Sarbinkowski

Title: Higgs Inflation and the Electroweak Gauge Sector

12:00pm **Workshop: Group Photo & Lunch - SCGP Cafe**

Title: Lunch

2:00pm **Workshop: Mustafa Amin - SCGP 102**

Speaker: Mustafa Amin

Title: A spin on wave dark matter -- small scale structure and a mass bound

2:30pm **Workshop: Kuver Sinha - SCGP 102**

Speaker: Kuver Sinha

Title: EMDEs, Axion Miniclusters, and WIMPs.

3:00pm **Workshop: Tea - SCGP Cafe**

Title: Tea

3:30pm **Workshop: Discussion - SCGP 102**

Title: Discussion

Wednesday, June 7th

9:00am **Workshop: Breakfast - SCGP Cafe**

Title: Breakfast

9:30am **Workshop: Mark Trodden - SCGP 102**

Speaker: Mark Trodden

Title: Particle Cosmology

10:30am **Workshop: Coffee Break - SCGP Cafe**

Title: Coffee Break

11:00am **Workshop: Andrew Long - SCGP 102**

Speaker: Andrew Long

Title: Making Dark Matter from Gravity

11:30am **Workshop: Sam Wong - SCGP 102**

Speaker: Sam Wong

Title: Tidal deformations of black holes beyond GR

12:00pm **Workshop: Lunch - SCGP Cafe**

Title: Lunch

2:00pm **Workshop: Gilly Elor - SCGP 102**

Speaker: Gilly Elor

Title: New Particles at Late Times

2:30pm **Workshop: Marcell Howard - SCGP 102**

Speaker: Marcell Howard

Title: An SZ-Like Effect On Stochastic Gravitational Wave Backgrounds

3:00pm **Workshop: Tea - SCGP Cafe**

Title: Tea

3:30pm **Workshop: Discussion - SCGP 102**

Title: Discussion

5:30pm **Workshop: Banquet - SCGP 102**

Title: Banquet

Thursday, June 8th

9:00am **Workshop: Breakfast - SCGP Cafe**

Title: Breakfast

9:30am **Workshop: Michele Cicoli - SCGP 102**

Speaker: Michele Cicoli

Title: Ultralight axions in string cosmology

10:30am **Workshop: Coffee - SCGP Cafe**

Title: Coffee Break

11:00am **Workshop: Georges Obied - SCGP 102**

Speaker: Georges Obied

Title: Dark Dimension Gravitons as Dark Matter

11:30am **Workshop: Naomi Gendler - SCGP 102**

Speaker: Naomi Gendler

Title: Axion-photon couplings and axion dark matter in string theory

12:00pm **Workshop: Lunch - SCGP Cafe**

Title: Lunch

2:00pm **Workshop: Manki Kim - SCGP 102**

Speaker: Manki Kim

Title: Recent progress on string loop corrections to the low-energy effective action of string compactifications

2:30pm **Workshop: Stephon Alexander - SCGP 102**

Speaker: Stephon Alexander

Title: New Directions in String Cosmology

3:00pm **Workshop: Tea - SCGP Cafe**

Title: Tea

3:30pm **Workshop: Discussion - SCGP 102**

Title: Discussion

Friday, June 9th

9:00am **Workshop: Breakfast - SCGP Cafe**

Title: Breakfast

9:30am **Workshop: David Kaplan - SCGP 102**

Speaker: David Kaplan

Title: Alternatives to Inflation and Dark Matter

10:30am **Workshop: Coffee Break - SCGP Cafe**

Title: Coffee Break

11:00am **Workshop: Mudit Jain - SCGP 102**

Speaker: Mudit Jain

Title: Polarized condensates in wave dark matter

11:30am **Workshop: Tucker Manton - SCGP 102**

Speaker: Tucker Manton

Title: Dynamical Chern-Simons and gravitational wave mediated particle production

12:00pm **Workshop: Lunch - SCGP Cafe**

Title: Lunch