

# IPMU Week @ Berkeley

## Schedule:

at 402 Old LeConte Hall, UC Berkeley

	Jan. 11 (Wed)	Jan. 12 (Thu)	Jan. 13 (Fri)
10:00-10:40	Satoshi Shirai	Michihisa Takeuchi	Dorota Grabowska
11:00-11:40	Simon Knapen	Ian Mould	Matthias Weissenbacher
	LUNCH		
14:00-14:40	—Discussion—	Peter Cox	Raymond Co
15:00-15:40		Kyohei Mukaida	
18:00-		DINNER	

## Speakers / Titles:

Raymond Co (Berkeley)	Crucial Effects of Saxion Cosmology on Dark Matter
Peter Cox (IPMU)	The Unnatural Composite Higgs at the LHC
Dorota Grabowska (Berkeley)	Using Extra Dimensions to Understand Chiral Gauge Theories
Simon Knapen (Berkeley)	Light Dark Matter in Superfluid Helium
Ian Mould (Berkeley)	Jet Substructure at the LHC
Kyohei Mukaida (IPMU)	Primordial Black Holes in Inflationary Cosmology
Satoshi Shirai (IPMU)	WIMP at Collider
Michihisa Takeuchi (IPMU)	Tagging a Monotop Signature in Natural SUSY
Matthias Weissenbacher (IPMU)	String Length Induced Operators in EFT

Discussion: Phenomenology of the Heavy QCD Axion in Collider Physics and Cosmology