



# Interplay between Particle and Astroparticle Physics (IPA 2014)

## Monday 18 August 2014

### Plenary Session - Francis Bancroft: David Sizer LT (09:30 - 11:00)

-Conveners: A Bevan

time	[id] title	presenter
09:30	[58] Introduction to the workshop	Dr BEVAN, A
10:00	[54] Results from H.E.S.S.	Prof. STEGMANN, Christian
10:30	[24] The search for magnetic monopoles	Prof. PINFOLD, James

### Plenary Session - Francis Bancroft: David Sizer LT (11:30 - 13:00)

-Conveners: JR Wilson

time	[id] title	presenter
11:30	[59] Phenomenological implications of CP violation	Prof. KOU, Emi
12:00	[15] Results from T2K	Dr HAIGH, Martin
12:30	[32] Results from Daya Bay	Prof. ZHANG, Qingmin

### Plenary Session - Francis Bancroft: David Sizer LT (14:00 - 15:30)

-Conveners: Brian Wecht

time	[id] title	presenter
14:00	[48] Astrophysical constraints on dark matter	Dr ZAVALA, Jesús
14:30	[26] Dark matter searches from Xenon	Dr BROWN, Andrew
15:00	[8] Dark matter searches with SuperCDMS	Dr RAU, Wolfgang

### Plenary Session - Francis Bancroft: David Sizer LT (16:00 - 18:00)

-Conveners: Reza Tavakol

time	[id] title	presenter
16:00	[25] Results from DES	Dr D'ANDREA, Chris
16:30	[3] Dark Energy with Euclid	Dr JOACHIMI, Benjamin
17:00	[5] Terrestrial tests of Dark Energy	Dr COLEMAN, Jon
17:30	[6] Unbinned halo-independent methods for emerging dark matter signals	Dr KAHN, Yoni

# Tuesday 19 August 2014

## Plenary Session - Francis Bancroft: David Sizer LT (09:00 - 11:00)

-Conveners: Martin Haigh

time	[id] title	presenter
09:00	[35] Results from Miniboone	Dr KATORI, Teppei
09:30	[36] Results from ICE Cube and the prospects for PINGU	Dr KOSKINEN, Jason
10:00	[34] The status of SNO+	WILSON, JR
10:30	[33] The JUNO experiment	Prof. WANG, Wei

## Plenary Session - Francis Bancroft: David Sizer LT (11:30 - 13:00)

-Conveners: M Bona

time	[id] title	presenter
11:30	[40] Exotics searches at ATLAS	Ms POETTGEN, Ruth
12:00	[41] Exotics searches at CMS	Dr TORASSA, Ezio
12:30	[57] Overview of the ILC physics case	Prof. TANABE, Tomohiko

## Plenary Session - Francis Bancroft: David Sizer LT (14:00 - 15:30)

-Conveners: James Lidsey

time	[id] title	presenter
14:00	[47] Lorentz breaking effective field theories: phenomenology and constraints	Dr LIBERATI, Stefano
14:30	[1] Searches for gravitational waves	Prof. BARISH, Barry
15:00	[49] Inflation and classical scale invariance	Dr RACIOPPI, Antonio

## Plenary Session - Francis Bancroft: David Sizer LT (16:00 - 18:00)

-Conveners: Wolfgang Gradl

time	[id] title	presenter
16:00	[30] Quark CP violation tests from the LHC	Dr JOHN, Malcolm
16:30	[12] Quark CP violation test from the B Factories	Dr KUZMIN, Alexander
17:00	[38] Symmetry violation in tau decays	Prof. HAYASAKA, Kiyoshi
17:30	[31] UTfit constraints on CP violation and new physics	Dr BONA, M

# Wednesday 20 August 2014

## Plenary Session - Francis Bancroft: David Sizer LT (09:00 - 11:00)

-Conveners: j Hays

time	[id] title	presenter
09:00	[20] Higgs implications for baryogenesis.	Prof. SERVANT, Geraldine
09:30	[51] Leptogenesis in the early universe	Prof. DI BARI, Pasquale
10:00	[18] Baryogenesis in the early universe	Prof. BALAZS, Csaba
10:30	[43] Indirect constraints on NP from the B Factories	Dr GAZ, Alessandro

## Plenary Session - Francis Bancroft: David Sizer LT (11:30 - 13:00)

-Conveners: M Bona

time	[id] title	presenter
11:30	[42] Rare decay searches at the LHC	Dr SANTOVETTI, Emanuele
12:00	[21] Modern theory of flavor, 126 GeV scalar and future directions in high energy physics	Prof. SONI, Amarjit
12:30	[22] Model dependent constraints on new physics	Prof. STRAUB, David

# Thursday 21 August 2014

## Plenary Session - Francis Bancroft: David Sizer LT (09:00 - 11:00)

time	[id] title	presenter
09:00	[14] Results from Alpha	Prof. MADSEN, Niels
09:30	[44] Rare kaon decays	Dr PAGE, Ryan
10:00	[13] Results from AMS	Prof. POHL, Martin
10:30	[56] Measurements and implications of of EDMs	Prof. GRIFFITH, W. Clark

## Plenary Session - Francis Bancroft: David Sizer LT (11:30 - 13:00)

-Conveners: Amarjit Soni

time	[id] title	presenter
11:30	[11] The physics of SHIP	Dr PATEL, Mitesh
12:00	[10] Indirect searches for dark matter	Prof. CONRAD, Jan
12:30	[55] Self-Interacting Dark Matter and Sterile Neutrino	Dr TANG, Yong

## Plenary Session - Francis Bancroft: David Sizer LT (14:00 - 15:30)

-Conveners: j Hays

time	[id] title	presenter
14:00	[53] Higgs properties and the prospects for CP violation searches	Prof. WEIGLEIN, Georg
14:30	[28] SUSY searches at CMS	Dr GAZ, Alessandro
15:00	[27] SUSY searches at ATLAS	ANCU, Lucian Stefan

## Plenary Session - Francis Bancroft: David Sizer LT (16:00 - 18:00)

-Conveners: j Hays

time	[id] title	presenter
16:00	[29] Dark forces constraints from the B Factories (and low energy experiments)	Prof. SOFFER, Abner
16:30	[23] Results from the Auger Observatory	Prof. WATSON, Alan
17:00	[0] BICEP2 and the Inflationary Gravitational Waves	Prof. SLOSAR, Anže

# Friday 22 August 2014

## Plenary Session - Francis Bancroft: David Sizer LT (09:00 - 11:00)

-Conveners: Jocelyn Monroe

time	[id] title	presenter
09:00	[4] Overview of BOSS, LSST and DESI	Prof. SLOSAR, Anze
09:30	[46] Results from Planck	Dr GRATTON, Steven
10:00	[7] The LUX direct dark matter search experiment	Dr GHAG, Chamkaur
10:30	[60] Directional Dark Matter Search and Velocity Distribution	KEIKO, Nagao

## Plenary Session - Francis Bancroft: David Sizer LT (11:30 - 13:00)

-Conveners: JR Wilson

time	[id] title	presenter
11:30	[9] Dark matter searches from DEAP/CLEAN	Dr MONROE, Jocelyn
12:00	[16] Neutrinoless double beta decay	Prof. SAAKYAN, Ruben
12:30	[45] Neutrinoless double beta decay and dark matter direct detection with CUORE and CUORE-0	Dr O'DONNEL, Thomas

## Plenary Session - Francis Bancroft: David Sizer LT (14:00 - 16:00)

-Conveners: Teppei Katori

time	[id] title	presenter
14:00	[39] Muon to electron conversion experiments	Dr LITCHFIELD, Phill
14:30	[17] Phenomenological implications of charged lepton flavour and CP violation	Prof. GOTO, Toru
15:00	[37] Results from MEG	Dr NISHIGUCH, Hajime
15:30	[19] Implications of results of non-SM searches at the LHC and low energy machines	Prof. SHELTON, Jessie

## Plenary Session - Francis Bancroft: David Sizer LT (16:30 - 18:00)

-Conveners: A Bevan

time	[id] title	presenter
16:30	[52] Experimental Summary	Prof. SHIPSEY, Ian
17:00	[2] Theoretical Summary	Prof. MASIERO, Antonio
17:30	[61] Workshop closeout	Dr BEVAN, A