



ICHEP2018 SE~~OL~~

XXXIX INTERNATIONAL CONFERENCE ON *high energy* PHYSICS

JULY 4 - 11, 2018 COEX, SEOUL

Best Poster Award

ICHEP2018, Seoul, Korea

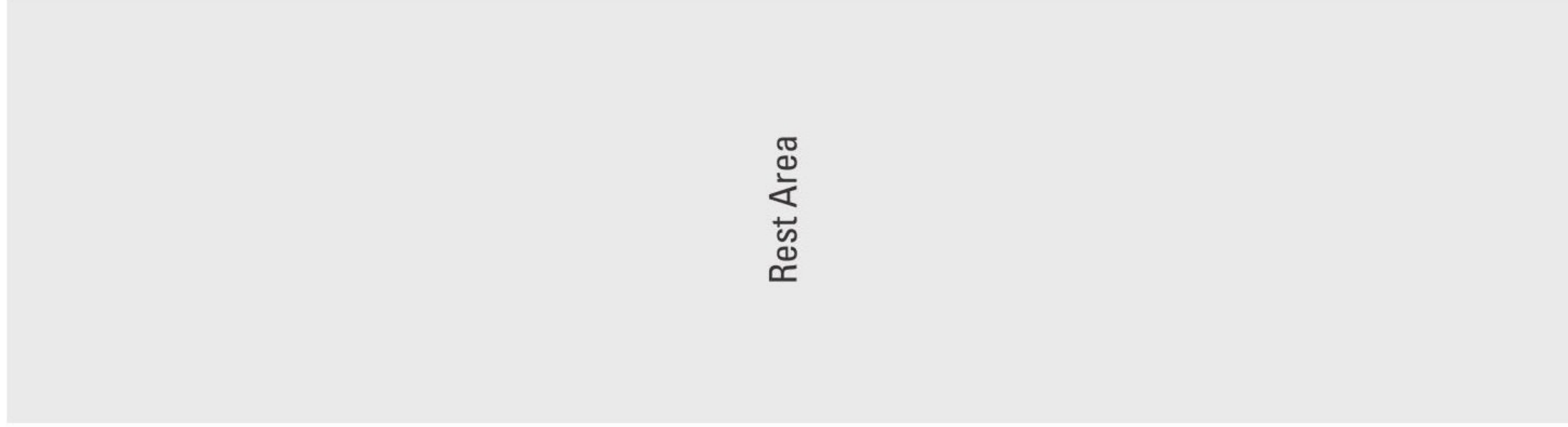
ICHEP2018 Program Committee

- SeongYoul Choi (Chonbuk N. U.)
- Suyong Choi (Korea U.)
- Youngjoon Kwon (Yonsei U.)

Poster Area, Hall D2, COEX

- Accelerators
- Experiment
- Cosmology
- Software
- Detector
- Theory and Others

	D_103	D_102
D_98	D_99	D_100
D_97	D_96	D_94
D_90	D_91	D_93
D_89	D_88	D_86
D_82	D_83	D_85
D_81	D_80	D_78
D_74	D_75	D_77
D_73	D_72	D_70
D_66	D_67	D_69
D_65	D_64	D_62
D_58	D_59	D_61
D_57	D_56	D_54
D_50	D_51	D_53
D_49	D_48	D_46
D_42	D_43	D_45
D_41	D_40	D_38
D_34	D_35	D_37
D_33	D_32	D_30
D_26	D_27	D_29
D_25	D_24	D_22
D_18	D_19	D_21
D_17	D_16	D_14
D_10	D_11	D_13
D_9	D_8	D_6
D_2	D_3	D_4
D_1	A_11	A_10
A_5	A_6	A_7
A_4	A_3	A_2
	A_9	A_8
	A_1	A_1



T_36	T_35	T_34	T_33
T_29	T_30	T_31	T_32
T_28	T_27	T_26	T_25
T_21	T_22	T_23	T_24
T_20	T_19	T_18	T_17
T_13	T_14	T_15	T_16
T_12	T_11	T_10	T_9
T_5	T_6	T_7	T_8
T_4	T_3	T_2	T_1
S_5	S_6	S_7	S_8
S_4	S_3	S_2	S_1
E_57	E_58	E_59	E_60
E_56	E_55	E_54	E_53
E_49	E_50	E_51	E_52
E_48	E_47	E_46	E_45
E_41	E_42	E_43	E_44
E_40	E_39	E_38	E_37
E_33	E_34	E_35	E_36
E_32	E_31	E_30	E_29
E_25	E_26	E_27	E_28
E_24	E_23	E_22	E_21
E_17	E_18	E_19	E_20
E_16	E_15	E_14	E_13
E_9	E_10	E_11	E_12
E_8	E_7	E_6	E_5
E_1	E_2	E_3	E_4
C_8	C_7	C_6	C_5
C_1	C_2	C_3	C_4

“Event selection”

● The Judges

- Sudeshna Banerjee, Jianming Bian, Alain Blondel, Kai-Feng Chen, Sungtae Cho, Dmitri Denisov, Carmen Diez Pardos, Samira Hassani, Harris Kagan, Doris Kim, Hyesung Lee, HyunSu Lee, DongHo Moon, Chris Parkes, Giovanni Passaleva, Ralph Seidl, Liz Sexton-Kennedy, Alexander Studenikin, Zhili Weng, InKwon Yoo,



● Popular votes

● MVA of (J, P)

- Blind analysis by an undisclosed magic formula
- *No, we didn't use Machine Learning.*

The Prize Winners (3rd)

- Moses Chung (UNIST)
 - Measurement of phase-space density evolution in MICE
- Jun Lee (Chonbuk N. U.)
 - Performance of the KOTO Sampling Calorimeter
- Laura Zambelli (LAPP-CNRS/IN2P3)
 - Data reconstruction and analysis for the 3x1x1 m³ dual phase Liquid Argon Time Projection Chamber prototype
- Arindam Das (KIAS)
 - Heavy Majorana neutrino pair productions at the LHC in minimal U(1) extended Standard Model

Please pick up your certificates and prize money at the Registration Desk, 3F.

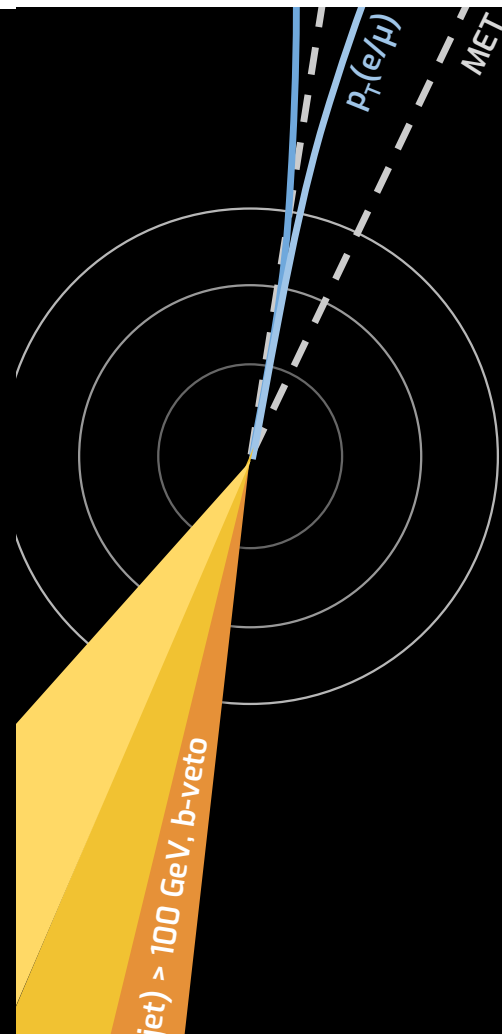
The Prize Winners (2nd)

- Chayanit Asawatangtrakuldee (DESY)
 - Search for additional Higgs Bosons in Final States with b-Quarks with the LHC Run II data at CMS
- Steven Schramm (Universite de Geneve)
 - Triggering on hadronic signatures in ATLAS – developments for 2017 and 2018

Please come up on stage to receive the prize!

The First Prize Winner

- Jesse Liu (University of Oxford)
 - Innovative Strategies in the Search for Electroweak Production of Compressed SUSY States with the ATLAS Detector



INNOVATIVE STRATEGIES AT THE
**COMPRESSED FRONTIER OF
ELECTROWEAK SUSY**
SEARCHES WITH THE ATLAS EXPERIMENT

ICHEP 2018 @ SEOUL | 11 JULY 2018

Jesse Liu

University of Oxford

On behalf of the ATLAS Collaboration

***Congratulations, and
thank you for all who
participated in the session!***