

6th HERD workshop

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome and Introduction

Contribution ID: 1

Type: **not specified**

Welcome and Introduction

Monday, 26 March 2018 09:00 (10 minutes)

Session Classification: HERD science

Contribution ID: 2

Type: **not specified**

HERD general progress

Monday, 26 March 2018 09:10 (10 minutes)

Presenter: Prof. ZHANG, Shuang-Nan (IHEP)

Session Classification: HERD science

Contribution ID: 3

Type: **not specified**

Dark Matter science

Monday, 26 March 2018 09:20 (40 minutes)

Presenter: Dr BI, Xiaojun (IHEP, CAS)

Session Classification: HERD science

Contribution ID: 4

Type: **not specified**

Cosmic Ray science

Monday, 26 March 2018 10:00 (40 minutes)

Presenter: Dr YUAN, Qiang (Purple Mountain Observatory)

Session Classification: HERD science

Contribution ID: 5

Type: **not specified**

The Gamma-ray Science Case of HERD

Monday, 26 March 2018 11:00 (40 minutes)

Presenter: SU, Meng (Hong Kong University)

Session Classification: HERD science

Contribution ID: 6

Type: **not specified**

General discussion and summary

Monday, 26 March 2018 11:40 (20 minutes)

Session Classification: HERD science

Contribution ID: 7

Type: **not specified**

Introduction of HERD proposal focusing system requirements & programmatic

Monday, 26 March 2018 13:40 (20 minutes)

Presenter: Dr DONG, Yongwei (Center for particle astrophysics, Institute of High Energy Physics, CAS)

Session Classification: HERD Joint Working Team meeting

Contribution ID: 8

Type: **not specified**

Exchange of ideas of set up HERD proposal review committee between CSU and ASI, discussion about HERD proposal and procedures of review committee.

Monday, 26 March 2018 15:40 (1 hour)

Session Classification: HERD Joint Working Team meeting

Contribution ID: 9

Type: **not specified**

HERD payload

Tuesday, 27 March 2018 08:30 (10 minutes)

Presenter: Dr DONG, Yongwei (Center for particle astrophysics, Institute of High Energy Physics, CAS)

Session Classification: HERD Payload

Contribution ID: **10**

Type: **not specified**

Crystal array of CALO

Tuesday, 27 March 2018 08:40 (20 minutes)

Presenter: Dr WANG, Zhigang (IHEP)

Session Classification: HERD Payload

Contribution ID: 11

Type: **not specified**

IsCMOS of CALO

Tuesday, 27 March 2018 09:00 (20 minutes)

Presenter: LI, Yong (Xi'an Institute of Optics and Precision Mechanics)

Session Classification: HERD Payload

Contribution ID: 12

Type: **not specified**

Alternative readout approach of crystals

Tuesday, 27 March 2018 09:40 (30 minutes)

Presenter: Prof. ADRIANI, Oscar (INFN and University of Florence)

Session Classification: HERD Payload

Contribution ID: 13

Type: **not specified**

Trigger sub-system of CALO

Tuesday, 27 March 2018 09:20 (20 minutes)

Presenter: BAO, Tian Wei (IHEP)

Session Classification: HERD Payload

Contribution ID: **14**

Type: **not specified**

HERD tracker

Contribution ID: 15

Type: **not specified**

HERD PSD

Tuesday, 27 March 2018 13:00 (20 minutes)

Presenter: Mr LIU XIN, xin (高能所)

Session Classification: HERD Payload

Contribution ID: 16

Type: **not specified**

HERD TRD

Tuesday, 27 March 2018 14:20 (20 minutes)

Presenter: Mr LIU, Hongbang (GXU)

Session Classification: HERD Payload

Contribution ID: 17

Type: **not specified**

HERD CALO trigger simulation

Tuesday, 27 March 2018 15:50 (30 minutes)

Presenter: XU, Ming (Institute of High Energy Physics)

Session Classification: MC

Contribution ID: 18

Type: **not specified**

Structural & thermal design

Tuesday, 27 March 2018 14:00 (20 minutes)

Presenter: WANG, Rui Jie (IHEP)

Session Classification: HERD Payload

Contribution ID: 19

Type: **not specified**

Status of the HERD MC simulation

Tuesday, 27 March 2018 15:00 (20 minutes)

Presenter: FORMATO, Valerio (INFN-PG)

Session Classification: MC

Contribution ID: 20

Type: **not specified**

Orbit Simulation for Calibration of CALO

Tuesday, 27 March 2018 15:20 (30 minutes)

Presenter: DAI, Haoting (USTC)

Session Classification: MC

Contribution ID: 21

Type: **not specified**

Tracking in Calorimeter

Tuesday, 27 March 2018 10:30 (20 minutes)

Presenter: Dr MORI, Nicola (INFN Florence)

Session Classification: HERD Payload

Contribution ID: 22

Type: **not specified**

R&D activities on Fiber Tracker

Tuesday, 27 March 2018 10:50 (20 minutes)

Presenters: PERRINA, C. (University of Geneva); AZZARELLO, P.

Session Classification: HERD Payload

Contribution ID: 23

Type: **not specified**

Possible Mechanical/Electrical Design of Fiber Tracker

Tuesday, 27 March 2018 11:10 (20 minutes)

Presenters: LA MARRA, Daniel (University of Geneva); CADEAUX, FRANK

Session Classification: HERD Payload

Contribution ID: 24

Type: **not specified**

Fiber Tracker Simulation

Tuesday, 27 March 2018 11:30 (20 minutes)

Presenter: WANG JUNJING

Session Classification: HERD Payload

Contribution ID: 25

Type: **not specified**

PSD geometry optimisation

Tuesday, 27 March 2018 13:20 (20 minutes)

Presenter: GARGANO, Fabio (高能所)

Session Classification: HERD Payload

Contribution ID: 26

Type: **not specified**

Silicon Tracker Electronics

Tuesday, 27 March 2018 11:50 (15 minutes)

Presenter: Mr 龚, 轲 (高能所)

Session Classification: HERD Payload

Contribution ID: 27

Type: **not specified**

2017 CALO prototype beam test results

Tuesday, 27 March 2018 16:20 (20 minutes)

Presenter: QUAN ZHENG, Zheng (IHEP)

Session Classification: Beam Test

Contribution ID: 28

Type: **not specified**

2018 beam test plan

Tuesday, 27 March 2018 16:40 (10 minutes)

Presenter: XU, Ming (Institute of High Energy Physics)

Session Classification: Beam Test

Contribution ID: 29

Type: **not specified**

Welcome speech Introduction of JWT

Monday, 26 March 2018 13:30 (10 minutes)

Session Classification: HERD Joint Working Team meeting

Contribution ID: 30

Type: **not specified**

Discussion of HERD JWT agreement implementation: procedure, work plan, hardware development of HERD, and role of related parties

Monday, 26 March 2018 14:00 (1h 20m)

Session Classification: HERD Joint Working Team meeting

Contribution ID: 31

Type: **not specified**

Conclusion & Minutes

Monday, 26 March 2018 16:40 (20 minutes)

Session Classification: HERD Joint Working Team meeting

Contribution ID: **32**

Type: **not specified**

PSD readout

Tuesday, 27 March 2018 13:40 (20 minutes)

Presenter: CATTANEO, Paolo (INFN Pavia)

Session Classification: HERD Payload