

**JUNO Physics and Software
Workshop, May 9-15, 2018,
Wuhan University**

Report of Contributions

Contribution ID: 0

Type: **not specified**

Computing status

Friday, 11 May 2018 09:00 (25 minutes)

Presenter: Dr ZOU, Jiaheng (高能所)

Session Classification: Physics and Software Workshop

Contribution ID: 1

Type: **not specified**

Status of distributed computing

Friday, 11 May 2018 09:25 (25 minutes)

Presenter: Dr 张, 晓梅 (高能所)

Session Classification: Physics and Software Workshop

Contribution ID: 2

Type: **not specified**

Web-based interactive analysis environment

Friday, 11 May 2018 09:50 (25 minutes)

Presenter: Dr LIN, Tao (高能所)

Session Classification: Physics and Software Workshop

Contribution ID: 3

Type: **not specified**

Update on SPMT electronics simulation

Thursday, 10 May 2018 14:00 (25 minutes)

Presenter: ZHANG YAN (高能所)

Session Classification: Physics and Software Workshop

Contribution ID: 4

Type: **not specified**

Status of event display

Friday, 11 May 2018 10:15 (25 minutes)

Presenter: 朱, 江 (Sun Yat-Sen University)

Session Classification: Physics and Software Workshop

Contribution ID: 5

Type: **not specified**

Status of geometry management

Friday, 11 May 2018 11:10 (25 minutes)

Presenter: 朱, 江 (Sun Yat-Sen University)

Session Classification: Physics and Software Workshop

Contribution ID: 6

Type: **not specified**

Status of database interface and crestdb

Friday, 11 May 2018 12:00 (20 minutes)

Presenter: 黄, 文昊 (山东大学)

Session Classification: Physics and Software Workshop

Contribution ID: 7

Type: **not specified**

[Remote] Status of database

Friday, 11 May 2018 11:35 (25 minutes)

Presenter: Mr 王文帅, wenshuai (高能所)

Session Classification: Physics and Software Workshop

Contribution ID: 8

Type: **not specified**

Status of software release

Thursday, 10 May 2018 12:00 (20 minutes)

Presenter: Dr LIN, Tao (高能所)

Session Classification: Physics and Software Workshop

Contribution ID: 9

Type: **not specified**

PMT testing data

Thursday, 10 May 2018 11:35 (25 minutes)

Presenter: 张, 海琼 (高能所)

Session Classification: Physics and Software Workshop

Contribution ID: **10**

Type: **not specified**

PMT Optical Simulation

Thursday, 10 May 2018 11:10 (25 minutes)

Presenter: WANG YAOGUANG (高能所)

Session Classification: Physics and Software Workshop

Contribution ID: 11

Type: **not specified**

Energy resolution with different MC configurations

Thursday, 10 May 2018 16:30 (25 minutes)

Presenter: HUANG, Yongbo (IHEP)

Session Classification: Physics and Software Workshop

Contribution ID: 12

Type: **not specified**

Energy reconstruction

Thursday, 10 May 2018 16:05 (25 minutes)

Presenter: WU, Wenjie (高能所)

Session Classification: Physics and Software Workshop

Contribution ID: 13

Type: **not specified**

Update of water Cherenkov detector

Thursday, 10 May 2018 14:25 (25 minutes)

Presenter: Mr LU HAOQI, Lu (高能所)

Session Classification: Physics and Software Workshop

Contribution ID: 14

Type: **not specified**

Status of EMF

Thursday, 10 May 2018 14:50 (25 minutes)

Presenter: Mr LU HAOQI, Lu (高能所)

Session Classification: Physics and Software Workshop

Contribution ID: 15

Type: **not specified**

Calibration strategy and mass hierarchy sensitivity

Thursday, 10 May 2018 10:15 (25 minutes)

Presenter: Mr 张, 飞洋 (Shanghai Jiao Tong University)

Session Classification: Physics and Software Workshop

Contribution ID: 16

Type: **not specified**

On the prospect of JUNO detections of MeV neutrinos from low-mass dark matter annihilations in the galactic halo

Thursday, 10 May 2018 09:25 (25 minutes)

Presenter: Prof. 林, 貴林 (Institute of Physics National Chiao-Tung University)

Session Classification: Physics and Software Workshop

Contribution ID: 17

Type: **not specified**

SPMT+WP reconstruction

Thursday, 10 May 2018 16:55 (25 minutes)

Presenter: Mr XU, Jilei (高能所)

Session Classification: Physics and Software Workshop

Contribution ID: **18**

Type: **not specified**

Simulation Studies on Supernova Neutrino Detections in JUNO

Thursday, 10 May 2018 09:50 (25 minutes)

Presenter: 任, 國綸 (Institute of Physics National Chiao-Tung University)

Session Classification: Physics and Software Workshop

Contribution ID: 19

Type: **not specified**

[Remote] A graphic processing unit accelerated fitting tool for mass hierarchy determination based on GooStats

Thursday, 10 May 2018 15:15 (20 minutes)

Presenter: DING, Xuefeng (Gran Sasso Science Institute(INFN), L \ 'Aquila, Italy)

Session Classification: Physics and Software Workshop

Contribution ID: 20

Type: **not specified**

Towards the physics goal of JUNO

Thursday, 10 May 2018 09:00 (25 minutes)

Presenter: Dr LI, Yufeng (IHEP, Beijing)

Session Classification: Physics and Software Workshop

Contribution ID: 21

Type: **not specified**

clusterization

Friday, 11 May 2018 14:00 (20 minutes)

Presenter: KAMPMANN, Philipp (Forschungszentrum Jülich, IKP)

Session Classification: Discussion

Contribution ID: 22

Type: **not specified**

Detector Simulation Tutorial

Sunday, 13 May 2018 09:00 (1h 30m)

Presenter: Dr LIN, Tao (高能所)

Session Classification: Tutorial

Contribution ID: 23

Type: **not specified**

Electronics simulation tutorial

Sunday, 13 May 2018 10:30 (1h 30m)

Presenter: ZHANG YAN (高能所)

Session Classification: Tutorial

Contribution ID: 24

Type: **not specified**

Framework and EDM tutorial

Sunday, 13 May 2018 14:00 (3 hours)

Presenters: Dr ZOU, Jiaheng (高能所); Prof. HUANG, Xingtao (Shandong University)

Session Classification: Tutorial

Contribution ID: 25

Type: **not specified**

Tutorial of Reconstruction and Event Display

Monday, 14 May 2018 09:00 (3 hours)

Presenters: LI, Ziyuan (Sun Yat-Sen University); 朱, 江 (Sun Yat-Sen University)

Session Classification: Tutorial

Contribution ID: 26

Type: **not specified**

Reconstruction discussion

Friday, 11 May 2018 14:20 (2h 40m)

Presenter: YOU, Zhengyun (Sun Yat-Sen (Zhongshan) University)

Session Classification: Discussion