



Some Information about the Onsite Shifting at the Container System



DFG Forschergruppenmeeting, DESY Hamburg,
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Forschungsgemeinschaft

presented by

Alexander Tietzsch



Where to get information?

❖ Organization of Expert Shifts:

- **Tobias Lachenmaier** (tobias.lachenmaier@uni-tuebingen.de)
- Alexander Tietzsch (alexander.tietzsch@uni-tuebingen.de)
- Björn Wonsak (bwonsak@mail.desy.de)
 - ✓ dates and organization (only Tobias)
 - ✓ questions about the shifting, personal experience, ...

❖ Organization of Regular Shifts / all onsite stuff:

- **Wei Wang** (SYSU; wangw223@mail.sysu.edu.cn)
- **Zhimin Wang** (IHEP/onsite; wangzhm@ihep.ac.cn)
 - ✓ dates and organization of regular shifts (*not started yet*)
 - ✓ visa invitation letters, transfer from airport
 - ✓ all information about your stay, apartment, ...



Where to find information?

❖ Online: [JUNO Wiki](#)

→ PMT Instrumentation

→ PMT Testing

- ✓ All documents about the Pan-Asia site, safety regulations, transport, how to arrive
- ✓ Later also links to the shifter manual, testings procedure and related documents
- ✓ Also links to DocDB and to the PMT Testing ELOG

PMT Testing

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- 1 Coordinator
- 2 The task including
- 3 Pan-Asia (Zhongshan) onsite Facilities
- 4 Usefull links

Coordinator [edit]

Zhimin Wang, IHEP, wangzhm@ihep.ac.cn, +86-13520522165

The task including [edit]

- Acceptance tests to select qualified PMTs/光电管合同的完成
- Integration test before potting
- Characterization: to serve the physics purposes of JUNO/实验需要的一些参数测量及对比
- Testing after installation

Pan-Asia (Zhongshan) onsite Facilities [edit]

- Pan-Asia onsite safety document
- HowTo Arrive Onsite/Onsite accommodation/Transportation
- Onsite computing/IT
- PMT test systems
- PMT test manual
- PMT test procedure

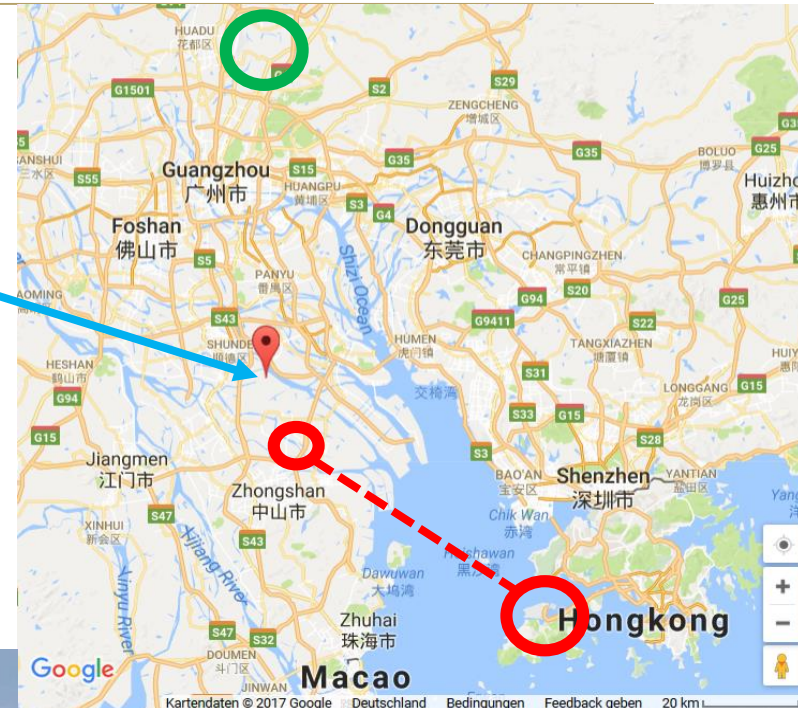
Usefull links [edit]

- [JUNO DocDB](#)
- [PMT test elog](#)
- [Back to PMT Instrumentation](#)
- [Back to JUNO internal](#)



Testing site

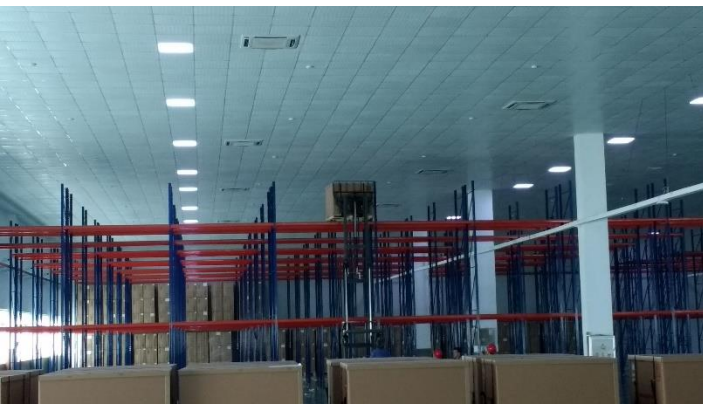
- ❖ Pan-Asia storage hall in Zhongshan:
*No. 6, Yandong 3rd Road, Daya Industrial Park,
Zhongshan City, Guangdong Province, P.R. China*
- ❖ Flight from Germany to
Guangzhou Int. Airport (CAN)
or *Hongkong Int. Airport (HKG)*
+ ferry to Zhongshan Port





Testing site II

- ❖ Pan-Asia site: industrial storage hall with enough space for all PMTs, containers, scanning station and TT containers
- ❖ Cantina serves lunch and dinner for 8 RMB/meal (not very diversified, but cheap and tastes good)
- ❖ Working time Mo-Sa 8:30-17:30 (pick up at apartment at 8 in the morning, lunch at 12, dinner at 17:30)
- ❖ Completely equipped with air conditioners

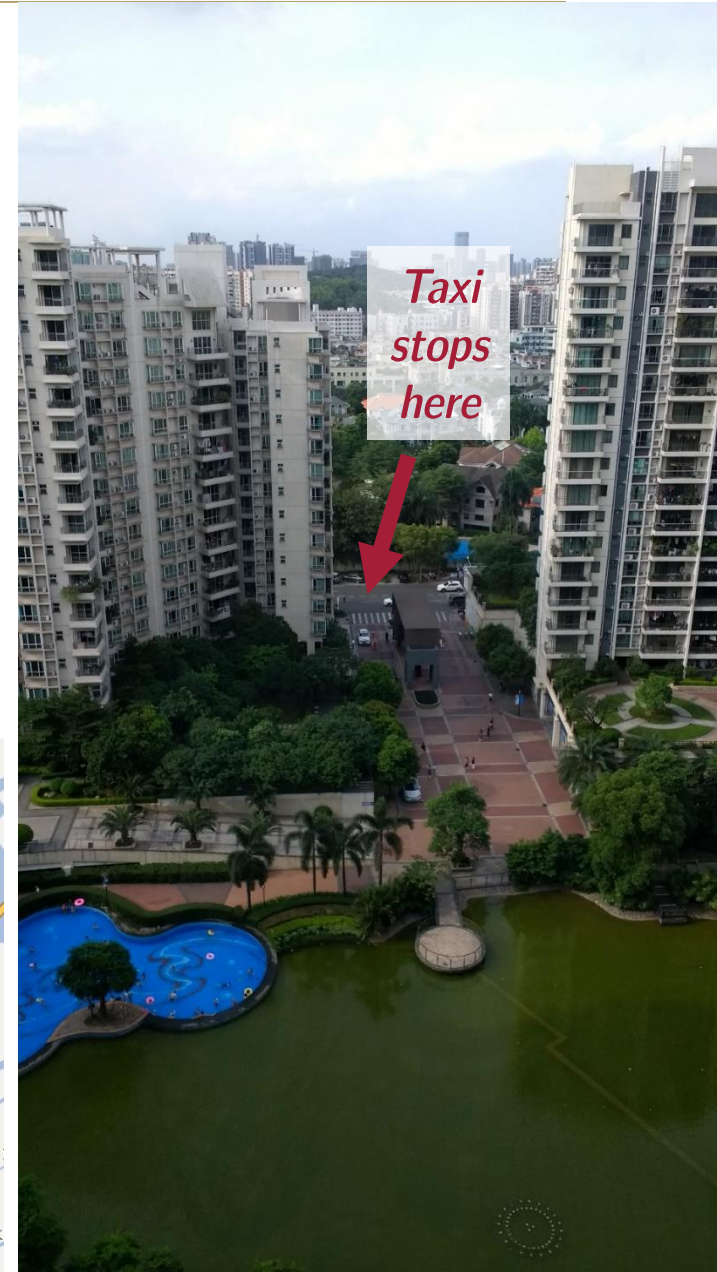




Apartment

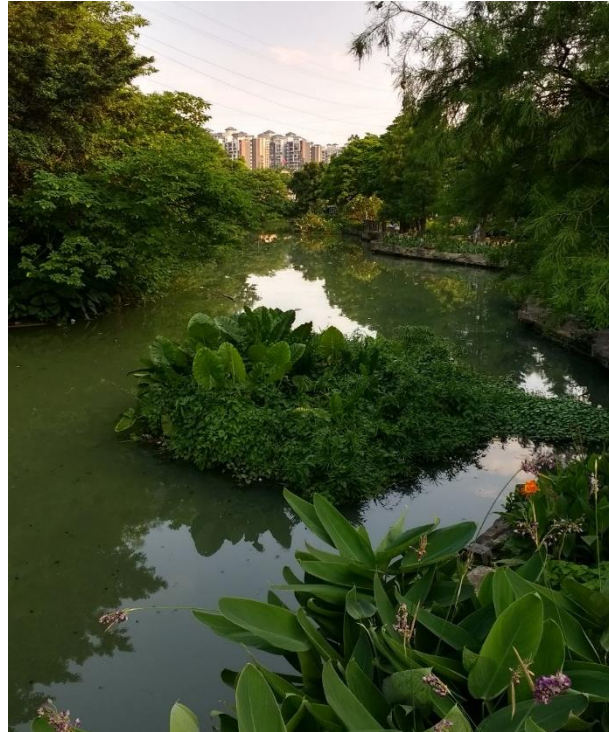
- ❖ ~ 12 km distance from testing site
- ❖ Typical Chinese apartment building, but quite new (shifter apartment with 3 rooms in 15th floor), with kitchen and washing machine
- ❖ Taxi service to Pan-Asia every day for ~ 35 RMB
- ❖ Rent per day ~ 150 RMB/person

(NO HOTEL!)





Apartment II





Information about the Onsite Work

❖ We're going to provide a shifter manual for both regular and expert shifts

❖ Including:

- How to load/unload the container with PMT
- How to start / work with the DAQ (*see also Tobias' talk*)
- Saving the data and quality checks
- Safety instructions
- Where / how to report shifts (and what to report?)
- Further information...

For “expert shifters” (better shift leaders):

- How to handle some simple DAQ errors
- How to change measurement parameters (normally not needed, besides special calibration phases...)
- ELOG
- Contact to real experts (in Tübingen and Hamburg) when necessary



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**Still work in progress –
we're trying to upload v1.0 ASAP**

- ... (readers):
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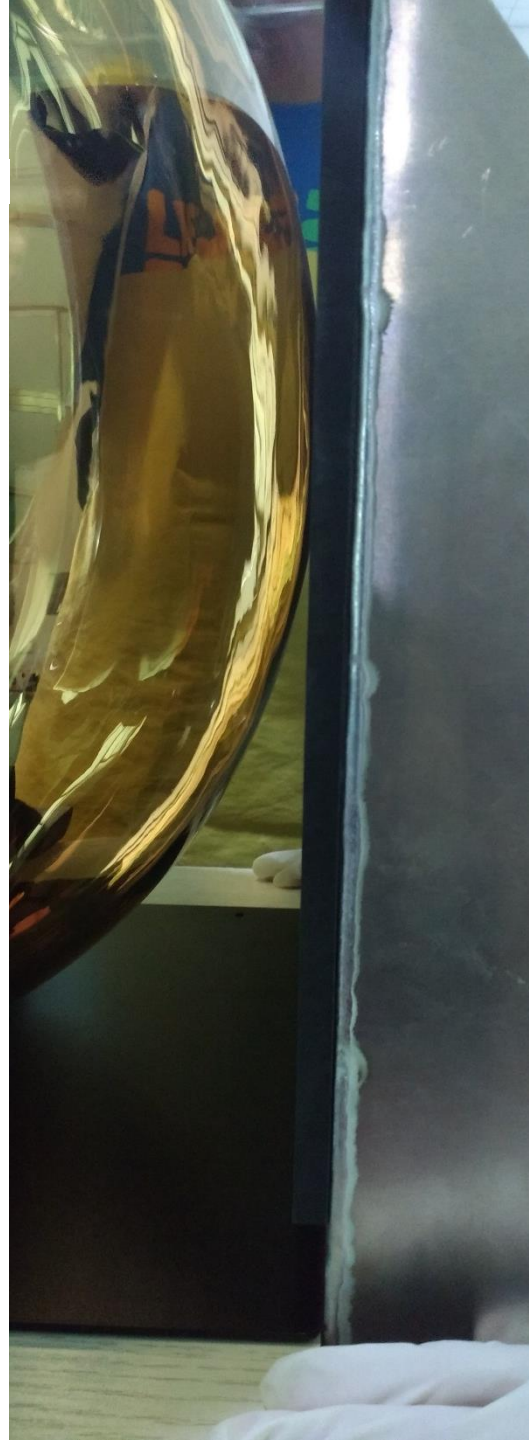
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- ❖ Documentation/imagery for loading/unloading already in DocDB available
(DocDB 2891)







Thank you.

Contact:

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