

Shashlik module assembly in SDU

- Try to improve the light yield of SDU module
- Continue test the property of material
- Material will be used in new module

Fiber	BCF91A(Saint-Gobain)
Scintillator	Kedi
Lead	U.S. (plated with Chrome)(only enough for one module)
Reflector	Tyvek(50% more light yield than paper)
Painting	TiO ₂
Reflector at the end of fiber	Silver plating

How many modules will be enough for beam test in future?

WLS fiber to clear fiber connector test



Fiber connector

- ❑ To test the light loss pass through the connector, LED light, also a 466nm (blue) laser and scintillator light will be preformed in test.
- ❑ It's also possible to test other property of fibers using LED and laser, such as light loss caused form length.

PMT gain problem

- Several PMTs will be test again in SDU with SDU SPE method
- Discussed with the group in IHEP, Beijing, try to make a test appointment next week. Both test must use same PMT, base and HV, the difference is only the test method.
- How about the plan for THU PMT? Test again in IHEP and test in SDU?
- The next step is to understand the discrepancy with SK/SP method.