

# UCN subgroup discussion

Continued discussion on UCN guides and UCN transmission - this is an ongoing problem in the UCN community and very experiment would benefit from better UCN guides

- How to define UCN transmission and how to measure it , so that guides and their surfaces can be compared
- problematic, as specifics to each UCN source and experiment result in different requirements and measurements
- plan to compare a PSI made and a KEK made UCN guide and measure UCN transmission at JPARC and at PSI (need to adapt different equipments as there are no 'standards' for UCN guides.
- further measurements to compare microscopic surface conditions (roughness, coating, H2 content etc)