

Introduction for the calibration workshop

Keiichi Mase / Summer Blot

■ Goal and topics of the calibration workshop

- ✓ Main goal is to validate/verify the SPICE 3.2 for the simulation mass production
 - ✓ Ice properties (especially anisotropy) (Mon. / Tue.)
 - ✓ Absolute DOM efficiency (Wed.)
- ✓ Other topics
 - ✓ DOM (RDE, SPE, etc.) (Wed. / Thu.)
 - ✓ Software (ppc, clsim) (Thu.)
 - ✓ Evaluation of the systematic uncertainties (Currently ice $\pm 10\%$, DOM eff. $\pm 10\%$) (Mon.)
 - ✓ Impact of the systematic uncertainties (Fri.)
 - ✓ Further ice study (cable shadow, DOM tilt (Wed.), depth dependent anisotropy (Tue.))
- ✓ Documentation (for SPICE 3.2, wiki for each analysis)
- ✓ Afternoon reserved for discussions / cooperative works (Talk to / work with people)
 - New idea / method

■ Event organization

- ✓ Group photo (Today before lunch)
- ✓ Workshop dinner (Thursday evening, contact to Summer/Keiichi if you hadn't)
- ✓ Laboratory tour at Madison (thanks to Chris Wendt, organizing)