

# Workshop Goals

- Share ideas for future science targets needing ice drilling
- Form interdisciplinary teams to address problems with like drilling needs
- Each team writes a short white paper that presents an overview of the science, and identifies the approximate site location, field years, and drill needed
- If a new drill will be needed, the team identifies draft science requirements of the drill

*IDPO & SAB will use the information to update the Long Range Science Plan, and get the ball rolling on plans for drill development, so that it will be read when needed by the science.*

## Possible working team topics

1. Lightweight, agile thermal and/or electro-mechanical possibly modular clean coring drills to ~ 300m, including hand-coring drills for biology
2. Fast access drill (with non-freezing fluid) to make holes through very thick cold ice, multiple holes per year, assuming dry bed, not necessarily clean
3. Hot water drilling to make holes, easily transportable, ~ 25 cm (?) holes, modular for use in a variety of depths ( up to 1,000 m?)
4. Subglacial aquatic environment access