

Overview

1. Warming up (10 min)

- Sign-in & Attendance
- Where are we (in the ocean of C++) ? Why do we feel at loss?
- ⚡ Sanity charging ⚡

2. Main Session (∞ min)

- [Rvalue references](#): a hard battle – never enough attention on it
- [Dynarray](#): the rules of 5; exception safety issue; copy-and-swap idiom;
- [Value categories](#): another hard battle – never enough attention on that as well
- [Constructors](#): Default or Copy or Move; copy-elision;
- [Const & non-const references](#): function overloading; parameter matching;
- [Class design](#): make your class modern

3. Bonus Application – Tools teaching (15 min)

- What is property? Why property?

Supplementary Materials

- What is the copy-and-swap idiom?
- Beware of using `std::move` on a const lvalue