

**Canceled: C++ User Group**

**Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Welcome & Introduction

*Wednesday, 18 September 2024 14:00 (5 minutes)*

Setting expectations

**Presenter:** Dr KRETZ, Matthias (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))

Contribution ID: 2

Type: **not specified**

## **fixed\_string: strings without heap allocation — strings as types**

*Wednesday, 18 September 2024 14:05 (55 minutes)*

ad-hoc presentation and live-hacking:

- fixed\_string: an owning string without heap allocation
- fixed-strings can be used as template parameters
- fixed-strings can themselves be types and provide a never-dangling std::string\_view
- strings as types? Doing compile-time string manipulation

**Presenter:** Dr KRETZ, Matthias (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))