

# ROOT Planning

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# ROOT Team News

- Yuka Takahashi: C++ modules, ROOT $\leftrightarrow$ cling
- Iliana Betsou: WebGUI

# News

- v6.14 branch begin May
  - C++17 with GCC 7.3!
- And:



# ROOT

Data Analysis Framework

## FUN WITH DATA!

ROOT USERS WORKSHOP 2018

SARAJEVO, SEPTEMBER 10 - 13

### WORKSHOP TOPICS

- ROOT ROADMAP
- TDATAFRAME, A MODERN TTREE::DRAW()
- ON THE WAY TO ROOT 7:  
GRAPHICS, HISTOGRAMS, TREES
- NEW PERSISTENCY FEATURES
- PARALLELISM IN AND WITH ROOT
- ROOT IN JAVASCRIPT
- MACHINE LEARNING IN AND WITH ROOT
- MATH TOOLS AND TECHNIQUES
- USER FEEDBACK

### ORGANIZERS

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### CONTACT

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ROOT Users' Workshop  
September 10-13  
in Sarajevo

# ROOT Users' Workshop

- We want your input + thoughts
- We offer a wonderful experience in return
- Registration open! We need **students**, please help!
- Abstract submission open!

**<https://cern.ch/root2018>**

# 6.14

- v6.14 branch begin May
  - including release candidate RC-1
- Feedback from experiments!
  - on master of v6-14 branch

# 6.14 Blockers

- ROOT-9363 Enum Autoload / CMS
- ROOT-9319 TTreeReader main tree branch instead of friend tree branch with same name
- ROOT-9277 Unresolved symbol  
`__emutls_v._ZSt11__once_call`



# 6.14 Critical

- ROOT-9336 hadd not summing correctly
- ROOT-9321 dictionary has missing namespace in template argument
- ROOT-8936 ROOT I/O and TClass by typeid for `std::vector<std::string>`
- ROOT-8571 ROOT PCM misses some enums
- ROOT-8494 TTreeReaderArray issue with certain TLeaf
- ROOT-8398 Can't read some ROOT5 files with ROOT6 / NA61

# Schedule

- ROOT 6.14 feature complete end of April
- May used to fix issues, sporadical test failures, Coverity, release notes, documentation etc

# ROOT 6.14 Highlights

- LZ4 default compression format!
- ROOT::RDataFrame released with many new features
- Python: rvalue ref, list initialization
- Decompress TTreeCache in parallel if IMT is on
- [Release notes](#)