C++ Training Session

October 24-25, 2019

Thursday Oct. 24	9:00-9:15am	Introduction : Principles
	9:15-10:00am	Basics
	10:00-10:15am	**Break**
	10:15-11:00am	Standard Library: Containers & Algorithms
	11:00-11:30am	Lambda Functions
	11:30-12:00pm	STL Algorithms II
	12:00-1:00pm	**Lunch**
	1:00-1:40pm	Editing & Static Analysis
	1:40-2:10pm	Git Basics
	2:10-2:30pm	**Break**
	2:30-3:00pm	Github, Pull requests and Code Review
	3:00-3:20pm	Managing Config Files
	3:20-3:40pm	Continuous Integration
	3:40-4:25pm	CMake and App4Triqs
	4:25-5:10pm	Testing
Friday Oct. 25	9:00-9:20am	Error handling
	9:20-9:50am	Move semantics
	9:50-10:00am	**Break**
	10:00-11:00am	Concepts
	11:00-12:00pm	TRIQS library components
	12:00-1:00pm	**Lunch**
	1:00-2:30pm	C++ HandsOn
	2:30-3:30pm	Debugging
	3:30-3:45pm	**Break**
	3:45-4:15pm	Interfacing C++ and Python
	4:15-4:30pm	Documenting
	4:30-5:00pm	Profiling & Optimizing