

IMPRS EPP

**Block Course
of the
International Max Planck Research School
on Elementary Particle Physics**

Max Planck Institute for Physics, Freimann

May, 6th	9h-12h	room 313
May, 7th	9h-12h	room 313
May, 8th	13h-16h	room 313
May, 20th	13h-16h	main auditorium
May, 21st	10h-13h	main auditorium
May, 22nd	13h-16h	main auditorium

Dr. Oliver Schulz

MPP

Introductory Course to Object-Oriented Programming with C++

Abstract:

The course will give a beginner-level introduction into the basics of object-oriented design and programming in C++. Next to C++, the course will also cover the basic knowledge and tools necessary to create and work with real projects - including the role of preprocessor, compiler, linker and libraries and the usage of build tools like make and GNU Auto-tools. Also, there will be a quick introduction into the version control system Git and into source code documentation with Doxygen. If time permits, a very short overview of more advanced concepts like exceptions and templates and the new features of C++11 will be included at the end. All slides and source code will be made available to the participants after each lecture.

No registration is needed.