

Advanced C++ with Focus on Software Engineering

Montag, 14. Mai 2018 bis Donnerstag, 17. Mai 2018 | 08:30 Uhr bis 16:30 Uhr

Höchstleistungsrechenzentrum Stuttgart (HLRS) | 70569 Stuttgart, Nobelstr. 19

This advanced C++ training is a course on object-oriented (OO) software design with the C++ programming language. The focus of the training are the essential OO and C++ software development principles, concepts, idioms, and best practices, which enable programmers to create professional, high-quality code. Additionally, the course gives insight into kernel development with C++.

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After this course, participants will:

- have a detailed understanding of the essential OO design principles
- have gained knowledge about fundamental C++ programming concepts and idioms
- be able to properly design classes and class interfaces
- know about the importance of exception safe programming
- have gained insight into the design of C++ HPC components
- avoid the usual pitfalls in the context of inheritance
- comprehend the advantages of non-intrusive design
- understand the virtue of clean code

Veranstalter:

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<https://www.hlrs.de/training>

Weitere Informationen: <http://www.hlrs.de/training/2018/Cpp1>