



Contribution ID: 39

Type: **not specified**

## Resource protection and thread safety - Lecture 3

*Thursday 19 June 2014 08:30 (1 hour)*

A fundamental aspect of concurrent programming is the protection of thread unsafe resources. With argumentations relying on concrete use cases, the issue of thread safety and its possible solutions are treated. Designs aiming to avoid contention are characterised, offering veritable patterns applicable also in different disciplines. Different resource protection strategies are evaluated discussing concrete examples.

**Presenter:** PIPARO, Danilo (CERN)

**Session Classification:** Programming for Concurrency