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## Implementing Parallel Algorithms

*Thursday 24 May 2012 13:30 (4h 45m)*

The possible implementation of parallel algorithms will be described.

- The functionality will be demonstrated using Swarm - a new experimental interactive parallel framework.
- The access from several parallel-friendly scripting languages will be shown.
- The benchmarks of the typical tasks used in High Energy Physics code will be provided.

The talk will concentrate on using the “Fork and Join” approach, which is the default solution included in the Java 7 environment. The comparison of that approach with other alternatives will be given too.

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**Session Classification:** Poster Session

**Track Classification:** Software Engineering, Data Stores and Databases (track 5)