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## **QPACE 2 and Domain Decomposition on the KNC**

*Saturday, 28 June 2014 09:00 (30 minutes)*

I will give an overview of QPACE 2, which is a custom-designed machine based on Intel Xeon Phi processors, developed by Regensburg University in collaboration with Eurotech (Italy/Japan). I will also discuss our high-performance implementation of a domain-decomposition-based solver on the Xeon Phi and present benchmarks of its strong-scaling behavior.

**Primary author:** Prof. WETTIG, Tilo (University of Regensburg)

**Presenter:** Prof. WETTIG, Tilo (University of Regensburg)

**Session Classification:** Plenary