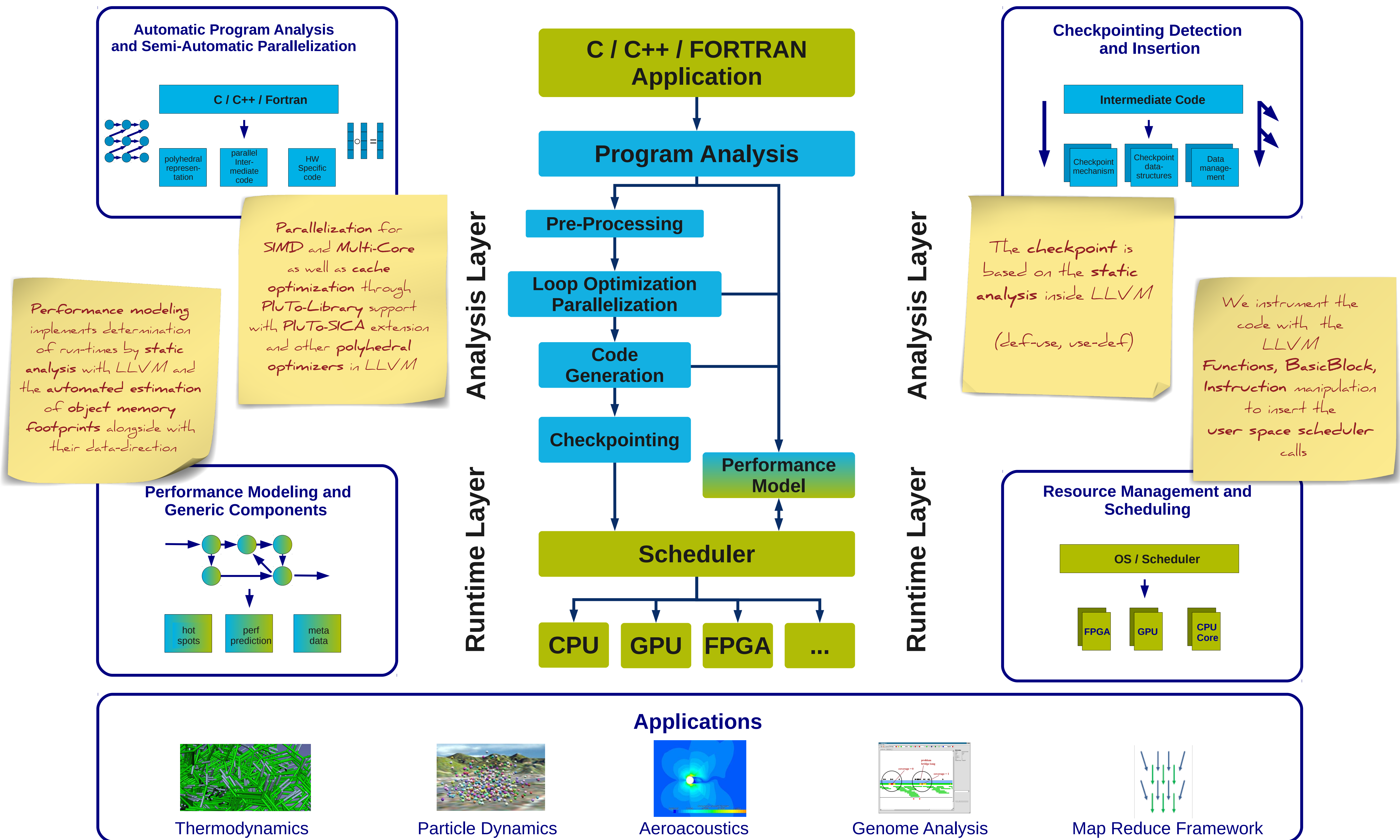


PROJECT TOPICS & WORKING PACKAGES



- ◆ Project targets a system platform with **Multi-Core, GPU & FPGA** processing devices
- ◆ OS should **schedule** tasks on different processing devices depending on available resources
- ◆ Kernel **metadata** support decision making

- ◆ Support the application developer by a **tool-chain** with **semi-automatic parallelization** capabilities
- ◆ Optimization of **loops** by **transforming memory access patterns**
- ◆ **Hardware aware** transformations and optimization approach

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PROJECT DURATION

April 2011 – September 2013