Ekaterina Antakova

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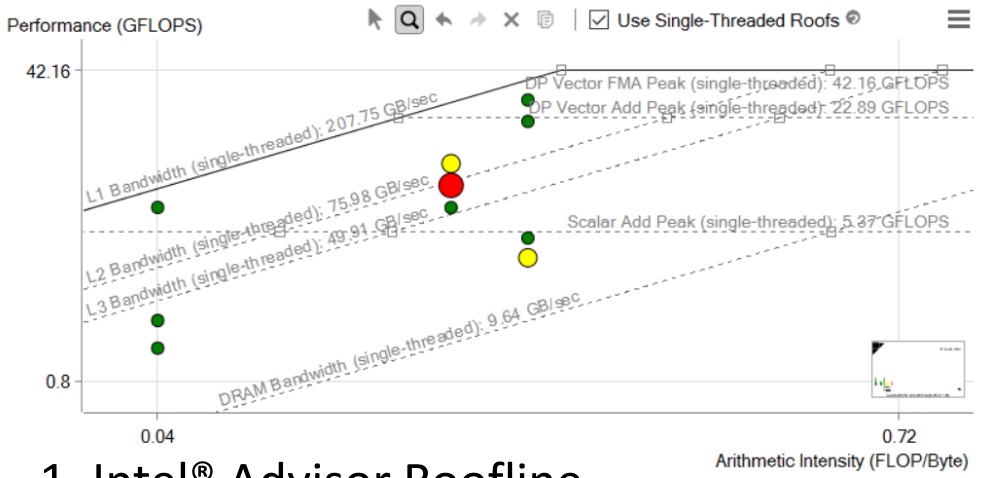
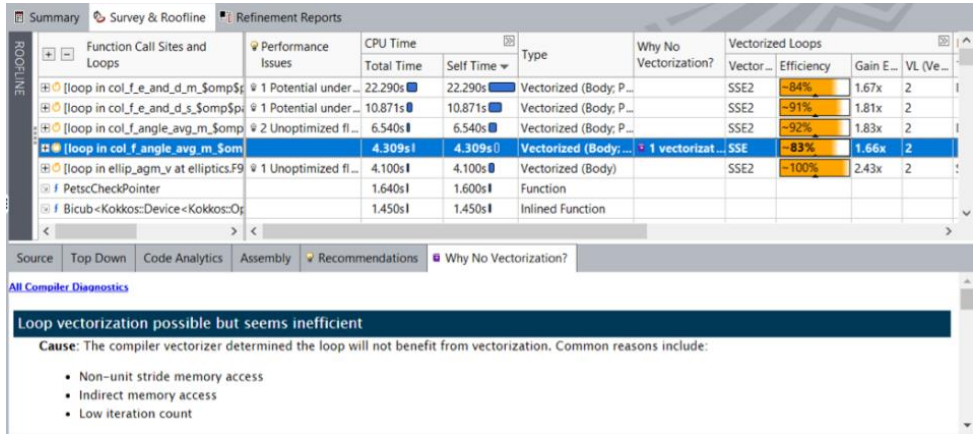
Key Skills

- Advanced C++ (Boost, wxWidgets, RapidJSON)
- Cross-platform GUI development
- Intermediate Python (pytest, pandas, scikit-learn, Jupyter, ipywidgets)
- Git, SVN, Jira, XML, XSLT
- Experience with HTML, CSS, JavaScript, Vue.js
- Performance analysis and optimization
- Correctness analysis
- Stakeholder, requirements and release management, agile methodologies

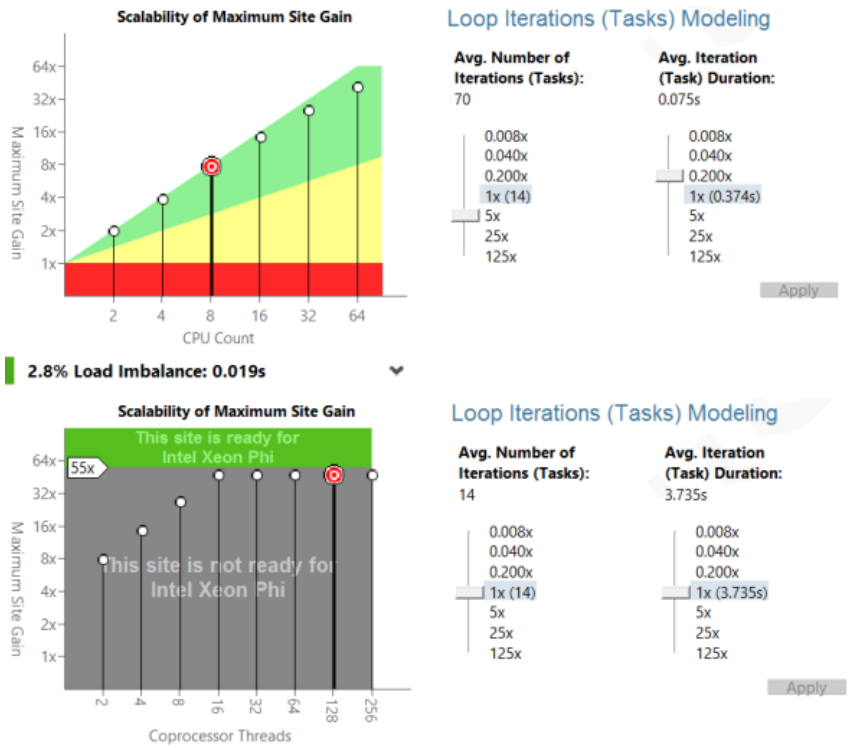
Projects



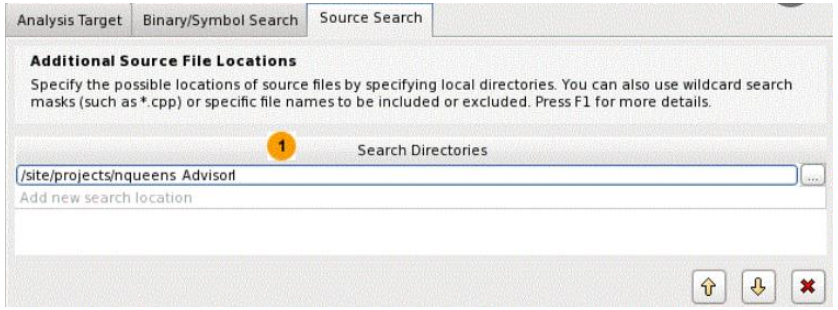
1. Intel® Advisor Roofline



2. Intel® Advisor top loops combined with Compiler vectorization report



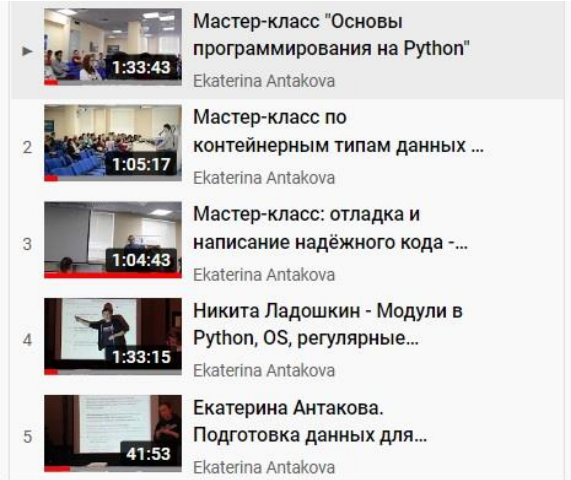
3. Modeling of parallel performance on CPU and accelerator



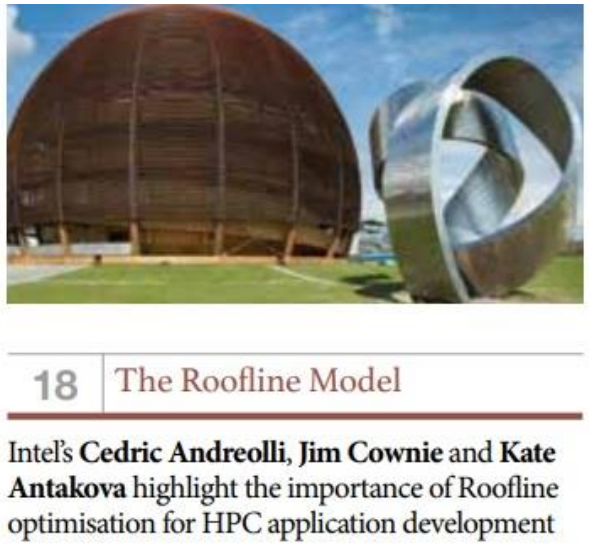
4. Custom GUI controls and dialogs

Publications, Presentations

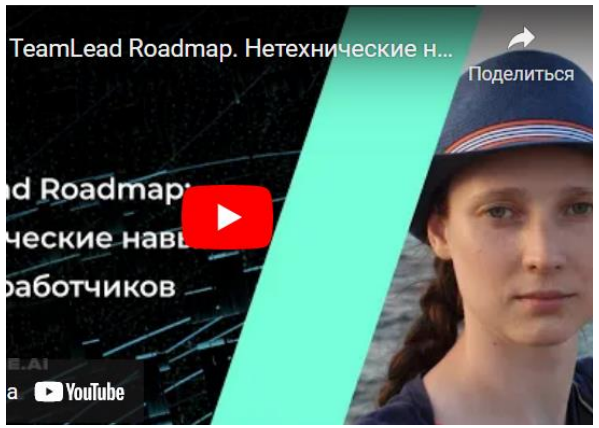
[How to Design for Scalable Performance](). Intel(R) Parallel Universe Magazine, 2015



[Python for Data Analysis Workshops]() for Women in Big Data Community, 2018



[Understanding and Improving the Performance of Bandwidth Bound Code.]() Scientific Computing World – HPC 2018-2019



[Semi-Technical Skills for Developers. Overview of TeamLead Roadmap]().
Xperience.AI seminar, 2021