

11.03.2013	
10:00 - 11:30	Lecture. From GPU to GPGPU. Introduction to CUDA.
	CUDA programming model. CUDA Runtime API.
11:45 - 13:15	Hands-on session: Introduction to CUDA. Device properties. Vector addition.
13:15 - 14:30	Lunch
14:30 - 15:45	Lecture. Memory hierarchy. Standard algorithms: reduce.
16:00 - 17:30	Hands-on session: memory hierarchy.
12.03.2013	
10:00 - 11:00	CUDA accelerated libraries overview.
11:15 - 13:15	Hands-on session: eigenvalue example.
13:15 - 14:30	Lunch
14:30 - 15:45	Thust for STL-like library dealing with GPU. CUSP.
16:00 - 17:30	Hands-on session: Thrust. CUSP
13.03.2013	Workshop Members only
13.03.2013 10:00 - 11:30	Workshop Members only Optimization techniques. Profiling and debugging.
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10:00 - 11:30	Optimization techniques. Profiling and debugging.
10:00 - 11:30 11:45 - 13:15	Optimization techniques. Profiling and debugging. Contest: optimization
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10:00 - 11:30 11:45 - 13:15 13:15 - 14:30 14:30 - 15:45	Optimization techniques. Profiling and debugging. Contest: optimization Lunch Rapid CUDA development with directives. OpenACC.
10:00 - 11:30 11:45 - 13:15 13:15 - 14:30 14:30 - 15:45 16:00 - 17:30 17:30 - 18:00	Optimization techniques. Profiling and debugging. Contest: optimization Lunch Rapid CUDA development with directives. OpenACC. Hands-on session: OpenACC. Concluding remarks. Q&A session.
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13:15 - 14:30 Lunch and hardware exhibition