

Calendar

Date	Topic
21/2	Course introduction & Measuring performance: What are the driving measures?
23/2	Introduction to multithreading & parallelism
28/2	Review of basic concepts: pipeline, cache, performance – videos and support material – NO lecture live (online videos)
2/3	Exercises on basic concepts
7/3	Branch prediction
9/3	Exercises
14/3	Instruction level parallelism- complex pipeline
16/3	Exercises
21/3	Static scheduling and VLIW architectures
23/3	Dynamic scheduling: scoreboard
28/3	Dynamic scheduling: Tomasulo

Calendar

Date	Topic
30/3	Exercises
4/4	Dynamic scheduling: advanced
6/4	Exercises
11/4	ILP limits and superscalar processors
13/4	Exercises
20/4	Video and supporting material on exception and interrupts management – NO Live lecture (online videos)
27/4	Exercises
2/5	*Guest Lecture on HPC
4/5	*Guest Lecture on Graphs and Data Analytics
9/5	Exercises
16/5	Multiprocessor architectures
18/5	Multiprocessor architectures