Calendar of "Introduction to proof complexity"

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This is a tentative calendar for the course. The content of the planned lectures may change during the course to adapt to the pace of the class.

Lecture			Content
Day	Room	Time	
Oct, 20th (Tue)	W832	15:05 — 16:35	Proof systems; resolution
Oct, 23th (Fri)	1008	10:45 — 12:15	Resolution lower bound for Pigeohole principle
Oct, 27th (Tue)	W832	15:05 — 16:35	Lower bounds based on resolution width *
Nov, 6th (Fri)	1008	10:45 — 12:15	Polynomial calculus and Proof search
Nov, 10th (Tue)	W832	15:05 — 16:35	Lower bounds for Polynomial calculus
Nov, 13th (Fri)	1008	10:45 — 12:15	Cutting planes: interpolation and lower bounds *
Nov, 17th (Tue)	W832	15:05 — 16:35	SAT solvers in theory and practice
Nov, 20th (Fri)	1008	10:45 — 12:15	Space complexity and resolution
Nov, 24th (Tue)	W832	15:05 — 16:35	Pebbling tautologies and space-length trade-offs *
Nov, 27th (Fri)	1008	10:45 — 12:15	Extended frege; extracting computation from proofs

* a problem set is assigned at this date.

References